IUPAC-2021

48th World Chemistry Congress and 51st General Assembly

August 13th to 20th, 2021

OR

IUPAC-2023

49th World Chemistry Congress and 52nd General Assembly

July 28th to August 4rd, 2023

Montréal

Throughout this document, more information can be obtained by clicking on the web link button

web link

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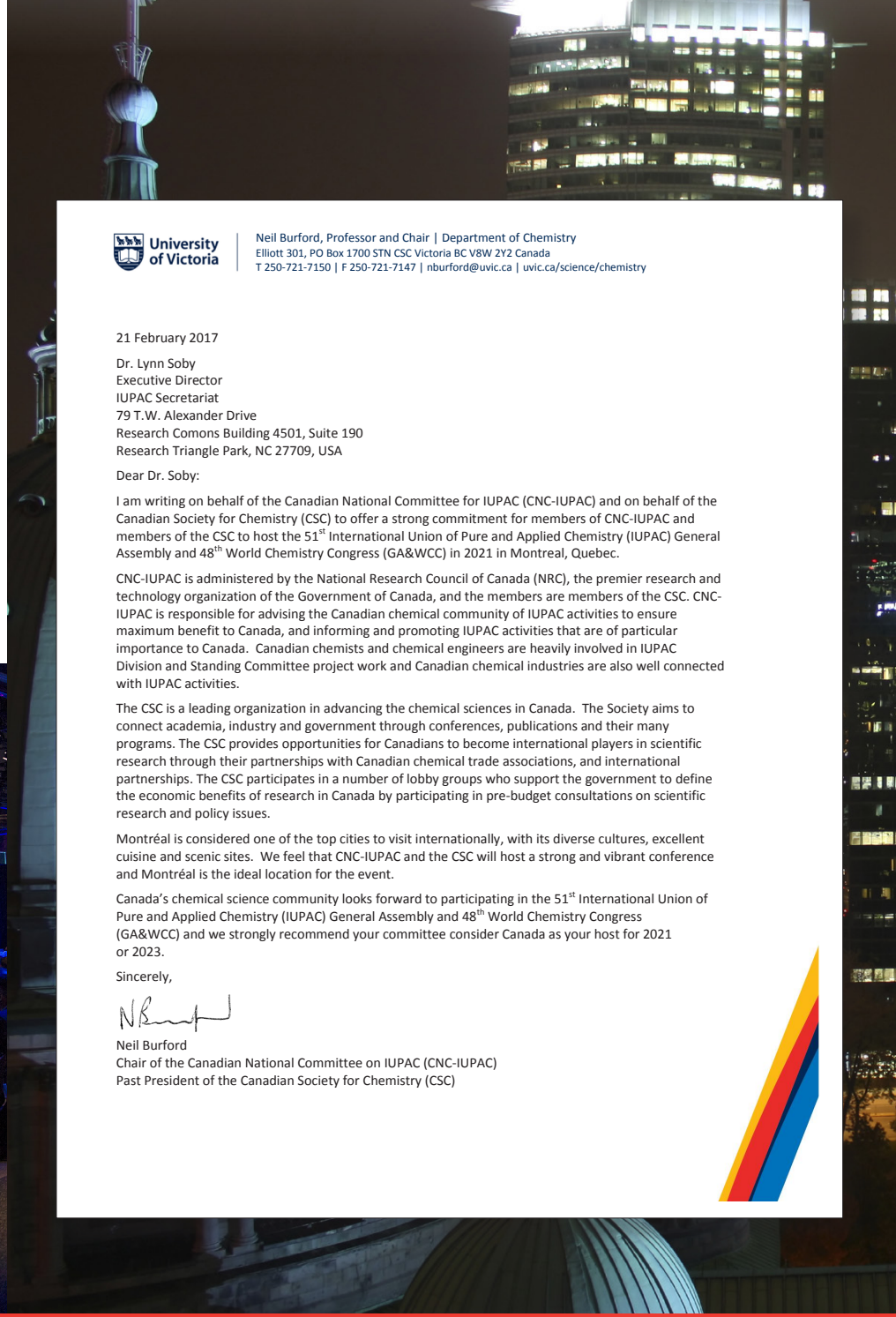
Executive Summary

The Canadian Society for Chemistry (CSC) and the Canadian National Committee for IUPAC (CNC-IUPAC) wish to host the 48th IUPAC World Chemistry Congress and the 51st IUPAC General Assembly on 13-20 August 2021 in Montréal, Canada, with the scientific theme “Frontiers in Chemistry: Health, Energy, Sustainability and Society”. The national organizing committee for the event includes prominent chemists from academia and the National Research Council, and experienced administrators within the CSC. In addition, a team of world renowned chemists have been assembled to organise the themes of the congress with emphasis on young scientists. The beautiful international city of Montréal is ideally suited to accommodate the event in the conveniently located and world class Palais des congrès. With the success of hosting the IUPAC GA & WCC in Vancouver (1981) and Ottawa (2003), IUPAC members in Canada will work closely with the IUPAC Secretariat and in collaboration with the Divisions and Committees of IUPAC to ensure that this event will be the most successful IUPAC GA & WCC. Based on the locations for the IUPAC GA & WCC since 2003, 2021 is an appropriate time for the IUPAC GA & WCC to return to Canada and North America.



University of Victoria

Neil Burford, Professor and Chair | Department of Chemistry
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21 February 2017

Dr. Lynn Soby
Executive Director
IUPAC Secretariat
79 T.W. Alexander Drive
Research Comons Building 4501, Suite 190
Research Triangle Park, NC 27709, USA

Dear Dr. Soby:

I am writing on behalf of the Canadian National Committee for IUPAC (CNC-IUPAC) and on behalf of the Canadian Society for Chemistry (CSC) to offer a strong commitment for members of CNC-IUPAC and members of the CSC to host the 51st International Union of Pure and Applied Chemistry (IUPAC) General Assembly and 48th World Chemistry Congress (GA&WCC) in 2021 in Montreal, Quebec.

CNC-IUPAC is administered by the National Research Council of Canada (NRC), the premier research and technology organization of the Government of Canada, and the members are members of the CSC. CNC-IUPAC is responsible for advising the Canadian chemical community of IUPAC activities to ensure maximum benefit to Canada, and informing and promoting IUPAC activities that are of particular importance to Canada. Canadian chemists and chemical engineers are heavily involved in IUPAC Division and Standing Committee project work and Canadian chemical industries are also well connected with IUPAC activities.

The CSC is a leading organization in advancing the chemical sciences in Canada. The Society aims to connect academia, industry and government through conferences, publications and their many programs. The CSC provides opportunities for Canadians to become international players in scientific research through their partnerships with Canadian chemical trade associations, and international partnerships. The CSC participates in a number of lobby groups who support the government to define the economic benefits of research in Canada by participating in pre-budget consultations on scientific research and policy issues.

Montréal is considered one of the top cities to visit internationally, with its diverse cultures, excellent cuisine and scenic sites. We feel that CNC-IUPAC and the CSC will host a strong and vibrant conference and Montréal is the ideal location for the event.

Canada’s chemical science community looks forward to participating in the 51st International Union of Pure and Applied Chemistry (IUPAC) General Assembly and 48th World Chemistry Congress (GA&WCC) and we strongly recommend your committee consider Canada as your host for 2021 or 2023.

Sincerely,

Neil Burford
Chair of the Canadian National Committee on IUPAC (CNC-IUPAC)
Past President of the Canadian Society for Chemistry (CSC)

IUPAC – 2021 48th World Chemistry Congress and 51st General Assembly

"FRONTIERS IN CHEMISTRY: HEALTH, ENERGY, SUSTAINABILITY AND SOCIETY"

On behalf of the National Research Council (NAO for Canada), the Canadian Society for Chemistry (CSC) and the Canadian National Committee for IUPAC (CNC-IUPAC) wish to host the 48th IUPAC World Chemistry Congress and 51st IUPAC General Assembly on 13-20 August 2021 in Montréal, Canada. The theme of the congress is "Frontiers in Chemistry: Health, Energy, Sustainability and Society".

The National Research Council (NRC) is the National Adhering Organization in Canada for IUPAC. The NRC is the principal organization within the Government of Canada consisting of 12 areas of research and development aligned with key industry sectors. More than 70 universities in Canada offer undergraduate programs in Chemistry. More than 40 of these universities offer graduate programs that produce 300-400 chemistry PhD graduates per year and appoint 300-400 Postdoctoral Fellows.

The Chemistry Industry Association of Canada (CIAC) introduced Responsible Care in the mid 1980's, which is now used by the global chemical industry in over 60 countries. Chemical scientists and engineers are employed in a wide sector of chemical products manufacturing and chemical-related industries in the natural resources such as oil and gas, mining (smelters), and forestry (pulp and paper). Industrial chemical product shipments were Can$53B in 2014 of which Can$35.5B were exports – putting this keystone industry sector as the second largest exporter among all Canadian manufacturing industries. The industry employs 80,000 people directly and supports almost 485,000 jobs in Canada. In 2015, Canada's oil reserves estimation was 3.9 B barrels and the industry supports 425,000 jobs across Canada. Mining contributed Can$56 B to Canada's GDP in 2015 and directly supports 373,000 jobs. Forestry product sales of pulp and paper and manufactured wood products were Can$17.6 B in 2015 with 235,000 employees across Canada.

Consequently, chemical research is strongly supported in Canada with funding by a number of government agencies including the Natural Sciences and Engineering Council (NSERC), the Canadian Institutes of Health Research (CIHR), the Canada Foundation for Innovation (CFI), the Canada Research Chairs (CRC) and the Canada Excellence Research Chairs (CERC). These organizations encourage collaboration and interdisciplinary research, and promote research in collaboration between scientists in academia, industry and government. The impact of Canadians on the discipline of chemistry is evident in the broad spectrum of published chemical research from Canada, the visibility of Canadians as plenary speakers at international conferences and 8 Canadians have been awarded the Nobel Prize for Chemistry (Smith, Marcus, Altman, Polanyi, Taube, Herzberg, Glauque, Rutherford).

IUPAC GA & WCC in Canada

Canada has hosted the IUPAC GA & WCC twice (1981 in Vancouver, 2003 in Ottawa) with great success. The locations of the IUPAC GA & WCC since 2003 are summarized in the table and map below, illustrating that 2021 is an appropriate time for the IUPAC GA & WCC to return to Canada and North America.

GA	Year	City	Country	Continent
42nd	2003	Ottawa	Canada	North America
43nd	2005	Beijing	China	Asia
44nd	2007	Torino	Italy	Europe
45nd	2009	Glasgow	United KIngdom	Europe
46nd	2011	San Juan	Puerto Rico	North America
47nd	2013	Istanbul	Turkey	Europe
48nd	2015	Busan	Korea	Asia
49nd	2017	São Paulo	Brazil	South America
50nd	2019	Paris	France	Europe

National Research Council

NRC is the Government of Canada's premier research organization supporting industrial innovation, the advancement of knowledge, technology development and fulfilling government mandates. The NRC plays a unique role in Canada, undertaking large-scale mission-oriented research and development programs. NRC provides a national network of experts and facilities, and its world-class research capacity in diverse areas of engineering, life sciences, quantum technology, metrology, astronomy, and emerging and disruptive technologies, makes the organization a wealth of resources and knowledge. The NRC celebrated a hundred years of science excellence in 2016, and has been a pillar of federal science and support for innovation. NRC has continually made beneficial contributions to the needs and challenges of Canadians decade after decade.

Throughout the 20th century, the NRC provided fertile ground for many Nobel Prize-winning ideas, and to date, a dozen Nobel laureates have spent most or part of their careers at NRC.

National Research Council Canada | Conseil national de recherches Canada

President | Président

NRC·CNRC

23 February 2017

Professor Richard Hartshorn
IUPAC Secretary General
IUPAC Secretariat
PO Box 13757
Research Triangle Park, North Carolina
27709-3757
USA

Dear Professor Hartshorn:

As President of the National Research Council of Canada (NRC), Canada's national adhering body to the International Council of Science (ICSU) and the International Union for Pure and Applied Chemistry (IUPAC), I would like to join my support to the Canadian Society for Chemistry (CSC) and the Canadian National Committee for IUPAC (IUPAC-CNC) in their bid for the 51st IUPAC General Assembly and the 48th World Chemistry Congress in Montreal.

The opportunity to host this conference that brings together the world's top chemists presents a great opportunity for Canada and Canadian chemists. As President of NRC, I am delighted that IUPAC is considering the CSC and the IUPAC-CNC's intention to host this prestigious event. I am confident that the congress organizers will ensure the delegates enjoy a successful and productive conference.

Sincerely,

Iain Stewart

cc: Dr. Lynn Soby, Executive Director, IUPAC
Dr. Shan Zou Secretary, CNC, IUPAC

Ottawa, Ontario
K1A 0R6

613-993-2024
Docufax: 613-957-8850

Canada

Canadian Society for Chemistry

Canadian Society for Chemistry | ***For Our Future***

The Canadian Society for Chemistry (CSC) is a national, not-for-profit, professional association that unites chemistry students and professionals who work in industry, academia and government. The CSC is recognized by the International Union of Pure and Applied Chemistry (IUPAC) as the technical organization for Canadian chemists. The CSC is one of the three Constituent Societies of the Chemical Institute of Canada (CIC), along with the Canadian Society for Chemical Engineering (CSChE) and the Canadian Society for Chemical Technology (CSCT).

The organizations are governed and funded by the more than 5000 members, are managed by a dedicated office of 12 staff, located in Ottawa, and administer the 17 technical divisions listed below:

- Analytical Chemistry
- Biotechnology
- Catalysis
- Energy
- Inorganic Chemistry
- Materials Chemistry
- Process Safety Management
- Rubber Chemistry
- Systems and Control
- Biological and Medicinal Chemistry
- Canadian Green Chemistry and Engineering Network
- Chemistry Education
- Environment
- Macromolecular Science and Engineering
- Organic Chemistry
- Physical, Theoretical and Computational Chemistry
- Surface Science

The CSC organizes the Canadian Chemistry Conference and Exhibition, Canada's premier annual conference for the chemical sciences, which will celebrate the 100th edition in May 2017 in Toronto. The CSC and members of the CSC and the CNC-IIUPAC have an excellent record for organizing international conferences with impressive scientific programs. Examples include: IUPAC Congress and General Assembly 2003, Ottawa (3,000 participants, 40+ countries), World Congress of Chemical Engineering 2009 (2,800 participants, from 60+ countries), and Canadian Chemistry Conference 2011 (2,967 participants, 40+ countries). CSC is also a Founding Society of the highly successful Pacifichem Congress that had 16,000 delegates in December 2015.

Canadian Society for Chemistry | ***For Our Future***
Société canadienne de chimie | ***Pour notre avenir***

March 6, 2017

Dr. Lynn Soby
Executive Director
International Union of Pure and Applied Chemistry
PO Box 13757
Research Triangle Park, NC 27709-3757, USA

Dear Dr. Soby:

The Canadian Society for Chemistry (CSC) is pleased to be working with the Canadian National Committee for IUPAC (CNC–IUPAC) to submit a bid to host the 51st International Union of Pure and Applied Chemistry (IUPAC) General Assembly and 48th World Chemistry Congress (GA&WCC) in either of the years 2021 or 2023 in Montreal, Quebec.

CSC is a national, not-for-profit, professional association that unites chemistry students and professionals who work in industry, academia and government. The CSC is recognized by the International Union of Pure and Applied Chemistry (IUPAC) as the technical organization for Canadian chemists. The CSC is one of the three constituent societies of the Chemical Institute of Canada (CIC), along with the Canadian Society for Chemical Engineering (CSChE) and the Canadian Society for Chemical Technology (CSCT). It is governed and funded by its membership.

CSC is committed to leading advances in the chemical sciences in Canada. The Society aims to connect academia, industry and government through conferences, publications and their many programs, they provide opportunities for Canadians to become international players in scientific research through their partnerships with Canadian chemical trade associations, and international partnerships. The CSC hosts its own annual highly successful conference ranging from 2,500 to over 3,000 participants per year. Should we be successful in securing the IUPAC congress in either 2021 or 2023, the CSC conference would be held in conjunction with the congress and we will use our influence in the Canadian science and chemistry sectors to ensure the success of the combined event.

The members of the CSC look forward to participating in the 51st International Union of Pure and Applied Chemistry (IUPAC) General Assembly and 48th World Chemistry Congress (GA&WCC) and I strongly recommend your committee consider Canada as your host for 2021 or 2023.

Sincerely,

Rui Resendes
President
Canadian Society for Chemistry

Canada and IUPAC

Canadians interact with IUPAC in a number of ways. The formal relationship is through the National Research Council, representing the NAO for Canada. The Canadian National Committee for IUPAC, CNC-IUPAC was formed in 1993 in an agreement between NRC and CSC, who share responsibility for appointing committee members and maintaining a balanced representation from university, industry, government and scientific disciplines. The main responsibilities of CNC-IUPAC are to advise NRC on Canadian participation in and activities of IUPAC, to promote within IUPAC activities that are of particular importance and relevance to Canada and to inform the Canadian chemical community of IUPAC activities and promote these activities to ensure maximum benefit to Canada.

A number of Canadians have a more direct relationship with IUPAC through their participation as members of the IUPAC Bureau, IUPAC Committees and IUPAC Divisions. The current Canadian representatives on these bodies are summarized in the table below.

Division or Committee	Representative	Position
Bureau	Russell Boyd	Member
Division I - Physical and Biophysical Chemistry	Frank van Veggel	Titular Member
Division II - Inorganic Chemistry	Michael Weiser	Titular Member
Division III - Organic and Biomolecular Chemistry	John Honek	Associate Member
Division IV - Polymer	Robin Hutchinson	Associate Member
Division V - Analytical Chemistry	Zoltan Mester	Division Secretary
Division VI - Chemistry and the Environment	Annemieke Farenhorst	National Representative
Division VII - Chemistry and Human Health	Linda Johnston	Titular Member
Division VIII - Chemical Nomenclature and Structure Representation	Todd Lowary	National Representative
Committee on Chemistry Education	Ian Sydney Butler	National Representative
ChemRAWN Committee	Gary von Loon	Division Secretary
COCI Committee	Bernard West	Chair, Bureau
COCI Committee	Robert Audette	National Representative
ICTNS Committee	Ron Weir	Chair, Bureau
ICTNS Committee/CIAAW Chair	Juris Meija	Titular Member
Project Committee	Douglas M. Templeton	Chair, Bureau

Collaboration with IUPAC

The national organizing committee will collaborate with the IUPAC Bureau and the IUPAC Office, and will liaise with Executive Director Lynn Soby to develop the plans for the GA and for the structure of the WCC. Specifically, the organizing committee will work with IUPAC to optimize the number of parallel sessions (estimate 25-30 parallel sessions), the total number of sessions, the total number of symposia, the total number of plenary lectures (estimate 8 plenary lectures, including 4 Nobel laureates), the total number of invited lectures, and the selection of speakers to lead the areas.

Young Scientists and Observers

CNC-IUPAC and CSC promote and support young scientists and the GA in Montréal will offer a strong Young Observers program. The CNC-IUPAC established a travel awards program in 1982 to enable young Canadian scientists to present their research at IUPAC-sponsored conferences outside of Canada. When the chosen conference is associated with the GA, the CNC-IUPAC facilitates these young scientists to participate as Young Observers. The program has been very successful and the organisers encourage all IUPAC member countries to consider analogous travel awards programs.

Letters of Support

PRIME MINISTER · PREMIER MINISTRE

March 7, 2017

Dr. Lynn Soby
Executive Director
International Union of Pure and Applied Chemistry (IUPAC)
79 T.W. Alexander Drive
Suite 190, Research Commons Building 4501
Research Triangle Park, NC 27709
U.S.A.

Dear Dr. Soby:

On behalf of the Government of Canada, I am pleased to support Montreal's bid to host the 48th World Chemistry Congress and 51st General Assembly of the International Union of Pure and Applied Chemistry in 2021.

I am delighted that you are considering Canada for this honour, and I am certain every effort will be made to ensure that the delegates have an extremely successful and enjoyable congress here. The City of Montreal would, I am sure, be an excellent host for the members of your organization, and I hope and trust that you will reach a decision in favour of its candidacy.

Please accept my best wishes for a successful event.

Sincerely,

The Rt. Hon. Justin P.J. Trudeau, P.C., M.P.
Prime Minister of Canada

Letters of Support

Original Letters

"The connection of diverse perspectives and the exchange of ideas enabled by this event will certainly help to address many important challenges. I see great synergies between the Government of Canada and IUPAC. As Minister of Science, supporting and promoting science is at the heart of my mandate, and science is an essential pillar in our government's strategy to create sustainable economic growth. Canada, I am proud to say, is committed to research excellence, including in chemistry; to policy decisions informed by the best objectives science; and to economic growth that is rooted in sustainability."

The Honourable Kirsty Duncan
Minister of Science
Government of Canada

"On behalf of the Government of Canada, I would like to express my full support for the Canadian Society for Chemistry's bid to host this event. I appreciate the efforts of your association to make a bid that could raise the international profile of the Canadian chemistry industry, foster innovation, and inspire the next generation of Canadian chemist."

The Honourable Jim Carr
Minister of Natural Resources
Government of Canada

"As the Member of Parliament for the riding of LaSalle-Émard-Verdun and the Parliamentary Secretary to the Minister of Innovation, Science and Economic Development, I am proud to represent a portion of one of Canada and North America's most innovative cities. Montréal has many research centres and institutions of higher learning and is truly a hub of R & D in North America. It is also a top tourist destination and was ranked as the top host city for international events in North America five years in a row. Its multiculturalism is apparent in its unparalleled food offerings, entertainment, and the many festivals that take place throughout the summer. Montréal is as innovative as it is enjoyable to visit."

David Lametti
Member of Parliament
Parliamentary Secretary
Minister of Innovation, Science and Economic Development

"Given the direct support provided to CNC-IUPAC by the National Research Council (NRC) of Canada and the committee's strong connection to the Canadian chemical community as a whole, CNC-IUPAC is strong contender to co-host these prestigious international events. This bid is further strengthened by CNC-IUPAC's partnership with the CSC, a highly-respected, national association that unites chemistry students and professionals working in industry , academia and government. Both NRC and CSC have successfully collaborated with the National Sciences and Engineering Research Council of Canada in the past."

B. Mario Pinto
President
Natural Sciences and Engineering Research Council of Canada

"Québec would be proud to host the IUPAC-2021 48th World Chemistry Congress and 51st General Assembly and to welcome all the participants to Montréal. With its sixty-or-so international organizations and a variety of annual events and festivals, Montréal, a city where over 160 languages are spoken, is one of North America's most cosmopolitan venues.Montréal's convention centre and the many surrounding hotels, located in the heart of Montréal and its international district, can offer you exceptionally fine hospitality. A vast array of nearby theatres, movie houses, and gourmet restaurants await events attendees, as does Vieux-Montréal, where they can enjoy Montréal's joie de vivre in perfect safety."

Philippe Couillard
Premier of Québec

"As Chief Scientist of Québec and President of the Quebec Research Funds, I strongly support the choice of Montréal for such event. In fact, Montréal has become an international city gathering private companies, foundations, interntional organizations from all over the world. Historically bilingual, open to communities from all over the world, with French and English well known universities, Montréal has become a model in the way of thinking a city of the 21st Century."

Rémi Quirion
Chief Scientist of Québec

Letters of Support

Original Letters

Québec

"As Québec's Deputy Minister of Tourism, I am delighted that your organization is currently considering Montréal's candidacy to host IUPAC 2021, the 48th World Chemistry Congress and IUPAC's 51st General Assembly, to be held in 2021.On behalf of Tourisme Québec, I want to assure you of our wholehearted support for this candidacy. Montréal is Canada's second most populous city. Celebrated for its diversity, its social and ethnocultural harmony and its expression of Québec culture, Montréal is a key to Québec's interface with the world."

Patrick Dubé
Deputy Minister of Tourism Québec

UNIVERSITY OF CALGARY

"On behalf of the Canadian Council of University Chemistry Chairpersons (CCUCC), I am very pleased to support the Canadian National Committee for IUPAC (CNC-IUPAC) and the Canadian Society for Chemistry (CSC) in their bid to host the 51st International Union of Pure and Applied Chemistry (IUPAC) General Assembly and 48th World Chemistry Congress (GA&WCC) in either of the years 2021 or 2023 in Montréal, Québec. The National Research Council of Canada (NRC) is the Government of Canada's premier research and technology organization. CNC—IUPAC is part of the NRC and many of its participants are members of the CSC. CNC-IUPAC is responsible for advising the Canadian chemical community of IUPAC activities to ensure maximum benefit to Canada, and informing and promoting IUPAC activities that are of particular importance to Canada. Canadian chemists and chemical engineers are heavily involved in IUPAC Division and Standing Committee project work and Canadian chemical industries are also well connected with IUPAC activities."

David Cramb
Professor and Head, Chemistry
University of Calgary

McGill

"McGill Chemistry has had longstanding leadership and participation roles in the Canadian Society for Chemistry and its excellent national conferences that host up to 2,500 academic and industrial researchers each year. McGill participants invariably report that the CSC is among the best organized and most international of all the conferences that they attend each year. Montréal is considered one of the top cities to visit in the world, with its diverse cultures, excellent cuisine, superb record for public safety, and overall friendliness. All of these factors, and that it has recently been rated the top city in the world for student experience, make Montréal a compelling choice to host the IUPAC General Assembly and World Chemistry Congress."

Suzanne Fortier
Principal and Vice-Chancellor
McGill University

Montréal

"It is with pleasure and pride that I support the Ville de Montréal's candidacy to host the IUPAC-2021 48th World Chemistry Congress and 51st General Assembly in 2021. Founded 375 years ago, Montréal is situated at a crossroads of American and European influences that have given it a unique personality within North America. It is a city with a dynamic environment and a healthy quality of life that enjoys an outstanding reputation for its artistic creativity, its culinary excellence and the warm welcome it extends to visitors. Moreover, I would like to highlight that Montréal is a knowledge-based city and a major university centre, with two French-language and two English-language universities. Montréal is well-known for celebrating and showcasing science and for supporting creative thinking. Your congress and general assembly would shine in this environment!"

Denis Coderre
Mayor of Montréal

Palais des congrès de Montréal

"We would be honoured to welcome the 48th World Chemistry Congress and 51st General Assembly of the International Union of Pure and Applied Chemistry in 2021 to Montréal and we know that our city and our convention centre can take your event to new heights of success. At the Palais des congrès de Montréal convention centre, we have been going the extra mile for our clients for over 30 years, bringing a vast range of events to life, from the early planning stages until the last participant leaves. Our clients often tell us how much they appreciate our hardwork, our attention to detail, and our passion and creativity. This is what we strive to bring to each and every event at the Palais des congrès."

Raymond Larivée
President and Chief Executive Officer
Palais des congrès de Montréal

TOURISME / MONTRÉAL

"Montréal is the perfect place to hold your congress, with a thriving life sciences sector and a dynamic academic and scientific community. Our city has 11 universities and institutions of higher learning, and ranks first in Canada for university research as well as for R&D investments and reearch centres in the life sciences sector. Montréal is also renowned as a thriving hub of creativity and innovation, making it the ideal setting for your attendees to expand on their training, share knowledge and enjoy collegial encouters."

Yves Lalumière
President and Chief Executive Officer
Tourisme Montréal

OVERVIEW OF THE CONGRESS

Organizing Committee

ORGANIZING COMMITTEE CHAIR

Neil Burford

Professor and Chair of the Department of Chemistry,
University of Victoria and Chair of CNC-IUPAC
nburford@uvic.ca

Neil Burford obtained a BSc honours from the University of Wales, Cardiff and a PhD from the University of Calgary. Following his post-doctoral studies at the University of Alberta and at the University of New Brunswick, he was appointed assistant professor of chemistry at Dalhousie University in 1987, Harry Shirreff Professor of Chemical Research in 2000 and Canada Research Chair Tier I in 2001. Burford was appointed chair of the Department at Dalhousie University in 2008 and in 2011, he moved to the University of Victoria as professor and chair of the Department. He has served as the chair of the CSC inorganic chemistry division, as CSC director of subject divisions and as CSC president and is currently the chair of the Canadian National Committee on IUPAC (CNC/IUPAC).

CONGRESS PROGRAM CHAIR

Bruce Lennox

Tomlinson Professor of Chemistry and Dean of Science,
McGill University
bruce.lennox@mcgill.ca

Bruce Lennox is a physical organic chemist whose research activities focus on nanomaterials, sensors, and interfacial chemistry. He obtained his BSc, MSc, and PhD degrees from the University of Toronto. He began his academic career at McGill in 1987 after a post doctoral Fellowship at Imperial College in London, UK. In addition to traditional courses, Lennox has also been involved in the development of new courses that cut across the traditional sub-disciplines of chemistry. Courses in advanced materials, nanoscience, and biological chemistry have resulted from this "horizontal" perspective of presenting advances and adventures in chemistry. His ongoing research involves the study of nanoparticles and ultrathin organic films. This research has led to a number of successful collaborations with physicists, engineers, pharmacologists, and neuroscientists. He was appointed Tomlinson Professor of Chemistry in 2004 and has served as chair of McGill's Department of Chemistry. He served as chair of the NSERC Discovery Grant Chemistry Evaluation Group and as director of the NSERC CREATE in Neuroengineering. He served as president of the Canadian Society for Chemistry in 2009–2010 and CIC chair from 2014–2015. Lennox was elected as a Fellow of the Royal Society of Chemistry in 2010, the Royal Society of Canada in 2012 and the CIC in 2013.

GENERAL ASSEMBLY COORDINATOR

Shan Zou

Research Officer and Team Leader, Measurement Science and Standards (MSS), National Research Council and Secretary of CNC-IUPAC and Professor Carleton University
shan.zou@nrc-cnrc.gc.ca

Dr. Shan Zou is the Team Leader for the Nanoscale Measurement Discipline in the Measurement Science and Standards Portfolio at the National Research Council Canada (NRC). She obtained her PhD at the University of Twente (2005) and joined NRC as a Research Officer in 2007. Her research interests include molecular-level visualization, sensing, manipulation and control of supramolecular assemblies, and polymeric materials on the nanoscale using self-assembly and atomic force microscopy based platform. Recently, she focuses on the development of integrated multimodal techniques for quantitative detection of mechanical properties of nanomaterials and cellular mechanical responses to drug treatments, as well as nanomaterial risk assessment.

TECHNICAL PROGRAM CO-CHAIR

Jeremy Melanson

Research Officer and Team Leader, Measurement Science and Standards, National Research Council and Member of CNC-IUPAC
jeremy.melanson@nrc-cnrc.gc.ca

Jeremy Melanson received his B.Sc. from Dalhousie University in 1998 and his Ph.D. degree in Analytical Chemistry from the University of Alberta in 2002. Following the completion of an NSERC postdoctoral fellowship at the Swiss Federal Institute of Technology (ETH Zurich), he joined the National Research Council Canada in Halifax as a Research Associate in the Proteomics Technology Development group. In 2006, he joined the NRC Biotoxins group and Certified Reference Materials Program in Halifax as a Research Officer. Jeremy then moved to the NRC Measurement Science and Standards portfolio in Ottawa in 2013, and is currently the Team Leader for Organic Chemical Metrology. His interests include the development of quantitative methods for organic and biological molecules using liquid chromatography – mass spectrometry and nuclear magnetic resonance spectroscopy.

Organizing Committee

TECHNICAL PROGRAM CO-CHAIR
Kim Baines

President, Canadian Society for Chemistry 2017-18
Professor of Chemistry, Western University
kbaines2@uwo.ca

Kim Baines received her BSc from St. Mary's University in Halifax and her PhD from the University of Toronto. She then spent one year as an NSERC postdoctoral fellow at the University of Dortmund, Germany. She joined the University of Western Ontario in 1988 where she is now Professor of Chemistry and Assistant Dean (International) for the Faculty of Science. She was awarded the inaugural J.C. Polanyi Prize for Chemistry from the Government of Ontario in 1988, the Clara Benson Award from the Canadian Society of Chemistry in 2002, the Florence Bucke Prize for Science from Western in 2004, a Humboldt Research Award from the Alexander von Humboldt Foundation in Germany in 2015 and the Montreal Medal from the Chemical Institute of Canada in 2016. She has served as Chair of the Department of Chemistry at Western, Chair of the Canadian Council of University Chemistry Chairs, as Group Chair for the NSERC Chemistry Evaluation Group and on the Canadian Society of Chemistry Board of Directors where she was Director of Conferences.

CSC REPRESENTATIVE
Roland Andersson

Executive Director of the Chemical Institute of Canada
and Ex-Officio Member of CNC-IUPAC
randersson@cheminst.ca

Roland Andersson is the Executive Director of the Chemical Institute of Canada (CIC). Mr. Andersson graduated from the University of Winnipeg with a Bachelor of Science degree in chemistry. He has over 30 years management experience in the chemical field acquired through increased management responsibilities in chemical plant operations, industrial research and development, marketing, and administration; in both chemical manufacturing companies and non-profit chemical associations. He previously served on the board of the Canadian Manufacturers of Chemical Specialties Association (CMCS) for six years including his term as chair. He is currently on the boards of the Society of Chemical Industry (SCI) Canada Section and the World Chemical Engineering Council (WCEC).

MARKETING
Bernadette Lockyer

Director of Communications and Marketing for the
Chemical Institute of Canada
blockyer@cheminst.ca

Bernadette Lockyer has extensive experience in association management working with the Chemical Institute of Canada, the Canadian Dental Association and the Canadian Real Estate Association. Her focus has been in marketing and convention management. She has successfully developed marketing and communications plans designed to enhance awareness and improve membership, sponsor contributions, and convention attendance by delegates and exhibitors. She was the Canadian representative to the very successful International Dental Congress 2005 in Montréal an event which attracted 15,000 people. Bernadette attended the University of Ottawa and is bilingual.

FINANCE
Joan Kingston

Director of Finance and Administration
for the Chemical Institute of Canada
jkingston@cheminst.ca

Joan Kington has over 20 years' experience in managing the annual national conferences of the Chemical Institute of Canada, specifically the finances and logistics. She started her career with an international chartered accounting firm, Deloitte, Haskins & Sells and then became Comptroller of the Canadian Soccer Association. Over the past 20 years she has created the budgets and managed the finances for the Chemical Institute of Canada, the Canadian Society for Chemistry, the Canadian Society for Chemical Engineering and the Canadian Society for Technology.

Thematic Program Chairs

Chemistry for Health:
Professor Joelle Pelletier
Co-director, PROTEO
Professor, Chemistry
Adjunct Professor Biochemistry
Université de Montréal, Montréal

Chemistry for Energy:
Doctor Gregory J. Smallwood
Principal Research Officer and Program Leader
Measurement Science and Standards
National Research Council Canada, Ottawa

Chemistry for Sustainability:
Professor Chao-Jun (CJ) Li, FRSC, FRS
Professor (E.B. Eddy Chair) Chemistry
Canada Research Chair (Tier I) in Green/Organic Chemistry
McGill University, Montréal

Chemistry for Society:
Doctor Juris Meija
Research Officer
Measurement Science and Standards
National Research Council Canada, Ottawa

Chemistry at the Frontiers:
Professor Mark MacLachlan
Director, NanoMat
Professor, Chemistry
Associate Dean of Research & Graduate Studies
Faculty of Science
University of British Columbia, Vancouver

Preliminary Budget

REVENUE	Number of participants	Can$	US$*	Budget in Can$
Registration				
General Participants	750	$ 1,000	$ 750	$ 750,000
IUPAC Affiliates	200	$ 800	$ 600	$ 160,000
Host Country Society Members	800	$ 575	$ 430	$ 460,000
IUPAC Members and Delegates	250	$ 500	$ 375	$ 125,000
Student Participants	1000	$ 300	$ 225	$ 300,000
	3000			
Bureau Members - Complimentary	32	$ -		-
Accompanying Person	35	$ 50	$ 38	$ 1,750
Total Registration Revenue				$ 1,796,750
Exhibition				$ 178,750
Corporate Sponsorships				$ 147,500
Tourism Montréal & Montréal Convention Center Support				$ 308,500
Other Revenue				$ 35,000
TOTAL REVENUE				$ 2,466,500
EXPENDITURES				
Program/Speaker Support				$ 650,000
Food and Beverage				$ 350,000
Registration Services				$ 75,000
Exhibition				$ 55,000
Facility & Audio Visual				$ 560,000
Other Expenses				$ 215,000
TOTAL EXPENDITURE BEFORE CONTINGENCY				$ 1,905,000
20% Contingency				$ 381,000
TOTAL EXPENDITURE				$ 2,286,000
NET SURPLUS				$ 180,500

*Bank of Canada, on February 27, 2017, 1.00 Canadian Dollar(s) = 0.75 U.S. dollar(s).

CANADIAN SALES TAX REBATE PROGRAM

The Canadian sales tax exposure for an association organizing a foreign convention is very minimal when the proper conditions are met.

Foreign conventions are eligible for a tax rebate if 75% of the convention delegates reside outside of Canada and the head office of the organization is located outside Canada. During the year following the event, organizers can claim 100% of the GST (5%) and QST (9.75%) paid on convention facilities and other convention related supplies, as well as 50% of the GST and QST paid on convention related F&B costs.

For more information, see the **Canada Revenue Agency** website. web link

Canada

Accommodations

A LAND OF PLENTY

Summary Chart

WALK TO THE PALAIS

	Hotel	Walking Time
Four Star Hotels		
1	Hotel InterContinental Montréal*	2 min
2	Embassy Suites Montréal	2 min
3	Westin Montréal*	2 min
4	Holiday Inn Montréal Downtown	2 min
5	Hyatt Regency*	8 min
6	Hotel Monville	4 min
Three Star Hotels		
7	Hotel Dauphin Montréal	4 min
8	Hotel Travelodge Montréal	6 min
9	Hotel Zero 1	8 min

* Linked directly to the Palais via the Underground Pedestrian Network

2021 Average Daily Room Rates are :
US$204 or Can$273

Starting at : US$152 or Can$203
1,380 Rooms on Peak Night

24,000 ROOMS IN THE CITY

14,000 ROOMS IN DOWNTOWN MONTRÉAL

4,000 ROOMS LINKED TO THE PALAIS

PALAIS DES CONGRÈS DE MONTRÉAL

Palais des congrès de Montréal

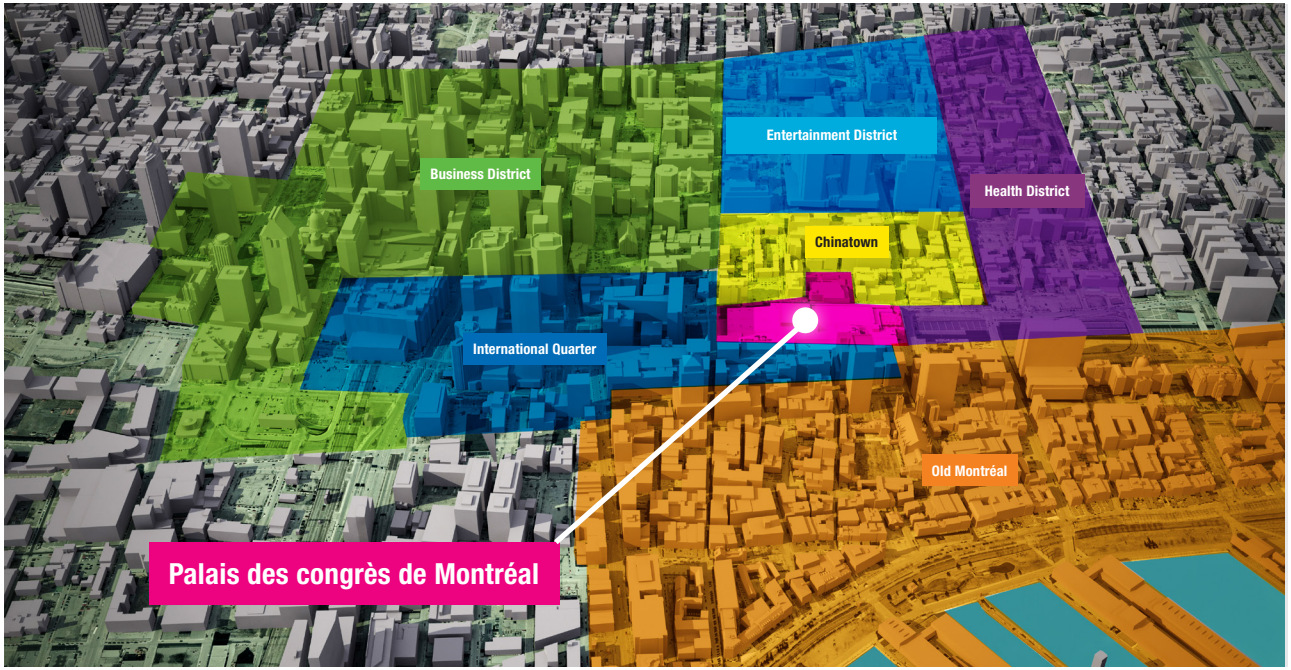
Downtown Location

AT THE NEXUS OF THE ACTION

The Palais des congrès de Montréal is strategically located in the downtown core of the city, connecting the Business District, the International Quarter, the Entertainment District, Health District, Chinatown and Old Montréal.

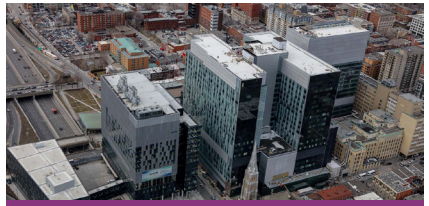
Only 20 minutes from the city's international airport, the Palais is close to 14,000 hotel rooms and linked directly to 4,000 rooms through the city's Underground Pedestrian Network.

It is within walking distance of Old Montréal's heritage attractions and the St. Lawrence River as well as a great number of boutiques, department stores, museums, theatres, art galleries, bars and restaurants.



Business District

International Quarter


Health District

Entertainment District

Chinatown

Old Montréal

Facility

DESIGNED TO MEET YOUR NEEDS

A TOTAL OF 51,280 M² (551,520 SQ. FT.) OF FLEXIBLE RENTAL SPACE

The Palais offers modern, sophisticated, and flexible facilities, equipped with powerful event technologies and featuring abundant natural light.

As soon as you enter the building, you can feel the difference. Where else can you find a forest of 52 pink trees to hold an event? This Palais landmark created by Claude Cormier, one of Canada's most prominent landscape architect, is a unique reception or cocktail area. Also at the street level (Level 1), the Shopping Promenade is a direct link to the city's underground pedestrian network and subway system. Visitors are also able to enjoy free high-speed Wi-Fi everywhere on Level 1.

On the upper levels, you will find extremely versatile spaces suitable for any kind of activity. Organize your event on Level 2, presenting most functional exhibition venues including one of Canada's largest columnless halls. Level 5 offers 63 meeting rooms all located on the same level allowing for the free flow of delegates. This level accommodates up to 10,000 people thanks to wide corridors and large public areas.

On Level 7, you will find the ideal space to create a unique event, both indoors and out. For a gala dinner with a panoramic view of downtown Montréal or a reception on one of our terraces, we can help you select the space most suited to your needs.

Lipstick Forest

51,280 m² (551,520 sq. ft.) of rental space including:

– 113 rooms and venues		
– Exhibition venues:	46,347 m²	(498,874 sq. ft.)
– Meeting rooms:	33,638 m²	(362,077 sq. ft.)
– Reception rooms:	50,535 m²	(543,954 sq. ft.)
– VIP and Board rooms:	530 m²	(5,705 sq. ft.)
– Ballrooms (3):	10,688 m²	(115,040 sq. ft.)
– Terraces (4):	4,509 m²	(48,537 sq. ft.)
– Offices:	1,233 m²	(13,271 sq. ft.)

Experience and Expertise

AN ENLIGHTENED CHOICE

FOR OVER 30 YEARS, THE PALAIS DES CONGRÈS DE MONTRÉAL HAS HOSTED OVER 6,000 EVENTS, MORE THAN 15 MILLION VISITORS AND HAS BUILT A REPUTATION FOR EXCELLENCE THE WORLD OVER. OUR TEAM OF HIGHLY EXPERIENCED PROFESSIONALS KEEPS TRACK OF THE SMALLEST DETAILS AND THRIVES ON FINDING SOLUTIONS TO ALL KINDS OF SITUATIONS.

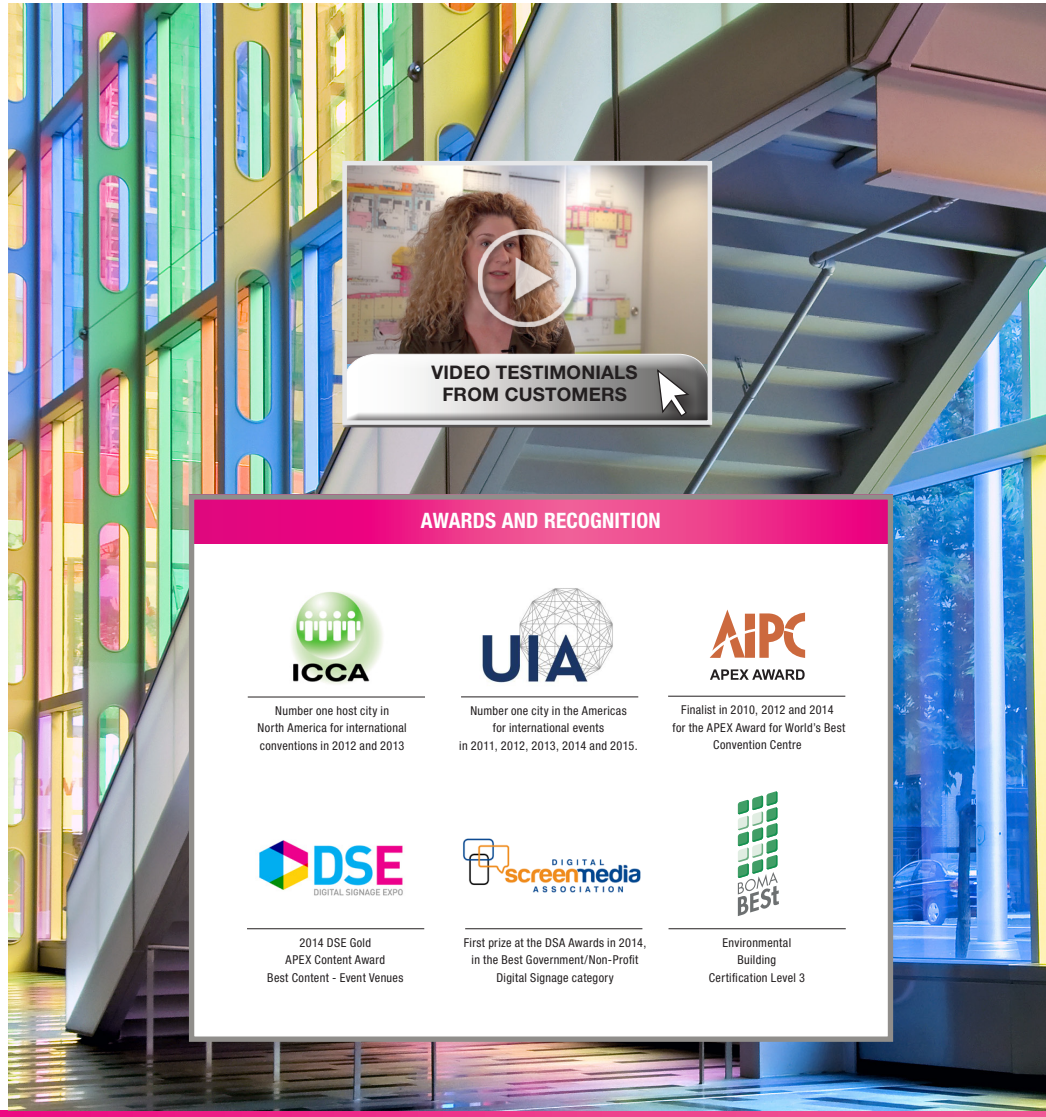
The Palais des congrès de Montréal is a celebration of form and function rendered in a mix of coloured glass and stone. The city and the Palais are as one, thanks to a multicoloured facade creating an interplay of light and color inside and out, much like a stained glass window.

Choosing the Palais for your event means choosing a facility with a festive and creative environment *à la Montréal*.

Your event will be entrusted to one of our experienced managers who will work with a team of seasoned professionals, all committed to meeting your needs, to oversee the coordination, general planning and production follow-up of your event. Together, they will offer a truly personalized approach and go the extra mile to make your event a success.

> “What made the Palais outstanding from a planner’s perspective was the Palais staff. The convention services team, catering, and in-house audiovisual personnel (to name just a few departments) were exceptional. Everyone I encountered was diligent, responsive, creative, cooperative – far and away, the BEST staff with whom I have worked.”

Suzanne Dunbar
(AIHA) American Industrial Hygiene Association



THE CITY OF MONTRÉAL

NUMBER ONE HOST CITY IN THE AMERICAS FOR INTERNATIONAL EVENTS FOR THE 5TH STRAIGHT YEAR*

Entertainment District

*Union of International Associations (UIA)

Transportation

CLOSER THAN YOU MAY THINK

SO ACCESSIBLE. SO EFFICIENT. SO CONNECTED. SO SAFE.

A leading host city in North America, Montréal is a first-class convention destination. It has all the right ingredients to ensure success of any international gathering. Visitors appreciate the convenience of Montréal–Trudeau International Airport, only 20 minutes away from 14,000 downtown hotel rooms and the Palais des congrès de Montréal.

A MAJOR HUB FOR AIR TRAFFIC

Some 32 passenger carriers operate regular or seasonal flights out of the Montréal–Trudeau International Airport, carrying 15,5 million passengers yearly. There are direct flights from Montréal–Trudeau to more than 135 destinations including 26 US destinations, 25 European destinations and an Asian destinations (Beijing and Shanghai). Montréal–Trudeau ranks second in Canada for the number of direct flights to major cities and third for passenger traffic. The Bloomberg Businessweek ranks the Montréal–Trudeau airport first in North America for punctuality.

SHUTTLE SERVICE TO / FROM MONTRÉAL-TRUDEAU AIRPORT

The 747–Express bus offers a direct link without transfers between downtown and Montréal–Trudeau Airport. Passenger pick-up is made from eleven stops strategically located downtown and close to main hotels and tourist attractions.

The 747–Express bus route is operational seven days a week, 24 hours a day and every 20 minutes, at a cost of Can$10.00. This includes a Wi-Fi connection. Taxis and limousines are available on the arrivals level near the central exit, where you will find a dispatcher waiting to assist you.
Taxis charge a flat fee of approximately Can$40.00 from the airport to downtown, while limousines charge a flat fee of Can$60.00 per trip.

Flight Frequency

INTERNATIONAL FLIGHTS

Destination	Airport Code	W	Carrier	Flying time*
Acapulco, Mexico**	ACA	1	Air Transat	6h 20
Algiers, Algéria	ALG	4	Air Algérie	7h 50
Amman, Jordan	AMM	2	Royal Jordanian	9h 45
Amsterdam, Netherlands	AMS	7	KLM Royal Dutch Airlines	6h 50
Antigua, Antigua and Barbuda	ANU	1	Air Canada	4h 55
Aruba, Aruba**	AUA	1	Sunwing Airlines	7h 50
Athens, Greece†	ATH	4	Air Canada, Air Transat	9h 04
Barcelona, Spain†	BCN	5	Air Canada, Air Transat	7h 12
Basel-Mulhouse, Switzerland†	BSL	1	Air Transat	7h 00
Beijing, China	PEK	3	Air China	13h 50
Bordeaux, France†	BOD	2	Air Transat	6h 35
Bridgetown, Barbados**	BGI	3	Air Canada	5h 10
Brussels, Belgium	BRU	6	Air Canada, Air Transat	7h 05
Budapest, Hungary	BUD	1	Air Transat	8h 30
Camaguay, Cuba	CMW	3	Air Transat, Cubana, Sunwing, WestJet	4h 15
Cancun, Mexico	CUN	31	Air Canada, Air Transat, Sunwing, WestJet	4h 50
Cartagena, Colombia**	CTG	1	Air Transat	5h 25
Casablanca, Morroco	CMN	6	Royal Air Maroc	6h 50
Cayo Coco, Cuba	CCC	11	Air Canada, Air Transat, Cubana, Sunwing	4h 08
Cayo Largo del Sur, Cuba	CYO	5	Air Canada, Air Transat, Cubana	4h 20
Cienfuegos, Cuba	CFG	1	Cubana	4h 00
Cozumel, Mexico	CZM	2	Air Canada, Air Transat	4h 45
Curaçao, Netherlands Antilles**	CUR	1	Air Canada	6h 30
Doha, Qatar	DOH	3	Qatar Airways	12h 00
Dublin, Ireland†	DUB	1	Air Transat	6h 00
Fort-de-France, Martinique	FDF	3	Air Canada	4h 50
Francfurt, Germany	FRA	7	Air Canada, Lufthansa	7h 00
Freeport, Bahamas**	FPO	1	Sunwing	4h 35
Geneva, Switzerland	GVA	5	Air Canada	7h 25
Holguin, Cuba	HOG	10	Air Canada, Air Transat, Cubana, Sunwing	4h 15
Huatulco, Mexico**	HUX	1	Sunwing	5h 15
Istanbul, Turkey	IST	3	Air Transat, Turkish Airlines	9h 15
Ixtapa/Zihuatanejo, Mexico**	ZIH	2	Air Canada, Sunwing	6h 00
La Ceiba, Honduras**	LCE	1	Sunwing	4h 23
La Havane, Cuba	HAV	2	Cubana	4h 10
La Romana, Dominican Republic**	LRM	2	Air Transat	4h 15
Liberia, Costa Rica**	LIR	2	Air Canada, Air Transat, Sunwing	5h 45
Lisbonne, Portugal†	LIS	2	Air Transat	6h 30
London (Gatwick), England†	LGW	1	Air Transat	6h 40
London (Heathrow), England	LHR	13	Air Canada, British Airways	6h 35
Lyon, France†	LYS	4	Air Transat	7h 05
Madrid, Spain†	MAD	1	Air Transat	6h 55
Malaga, Spain	AGP	1	Air Transat	7h 10
Managua, Nicaragua**	MGA	1	Air Transat	5h 30
Manzanillo, Cuba**	MZO	1	Sunwing	4h 30
Marseille, France†	MRS	4	Air Transat	7h 18
Mexico, Mexico	MEX	7	Aeromexico	5h 55
Montego Bay, Jamaica	MBJ	9	Air Canada, Air Transat, Sunwing, WestJet	4h 36
Munich, Germany	MUC	4	Lufthansa	7h 50
Nantes, France†	NTE	2	Air Transat	6h 30
Nassau, Bahamas**	NAS	1	Air Canada	3h 50
Nice, France†	NCE	5	Air Transat	7h 20
Panama City, Panama	PTY	6	Air Transat, Copa Airlines	6h 00
Paris (Charles-de-Gaulle), France	CDG	26	Air Canada, Air France, Air Transat	6h 44
Paris (Orly), France†	ORY	7	Corsair	7h 00
Pointe-à-Pitre, Guadeloupe	PTP	3	Air Canada, Air Transat	4h 40
Ponta Delgada, Portugal†	PDL	1	Sata Internacionale Airlines	5h 00
Portamar, Venezuela**	PMV	1	Air Transat, CanJet	4h 40
Port-au-Prince, Haïti	PAP	2	Air Canada, Air Transat	4h 25
Porto, Portugal†	OPO	1	Air Transat	6h 57
Prague, Czech Republic†	PRG	1	Air Transat	8h 15
Providenciales, Turks & Caicos**	PLS	2	Air Canada, WestJet	4h 09
Puerto Plata, Dominican Republic	POP	10	Air Canada, Air Transat, Sunwing	4h 17
Puerto Vallarta, Mexico	PVR	4	Air Transat, Sunwing	6h 13
Punta Cana, Dominican Republic	PUJ	26	Air Canada, Air Transat, Sunwing, WestJet	4h 31
Rome, Italy†	FCO	12	Air Canada, Air Transat	7h 57
Rio Hato, Panama**	RIH	1	Sunwing	5h 30
Roatan, Honduras**	RTB	1	Air Transat	4h 25
Sainte Lucia, Caribbean**	UVF	1	Air Canada, Air Transat	5h 05
Samana, Dominican Republic	AZS	3	Air Canada, Air Transat	4h 20
San Andres, Colombia**	ADZ	1	Air Transat	5h 10
San Jose, Costa Rica**	SJO	1	Air Transat	6h 10
San Jose del Cabo, Mexico**	SJD	1	Sunwing	4h 00
San Salvador, Bahamas	ZSA	1	Air Canada	3h 02
Santa Clara, Cuba	SNU	18	Air Canada, Air Transat, Cubana, Sunwing	4h 00
Shanghai, China	PVG	3	Air Canada	14h10
St. Maarten, Netherlands Antilles	SXM	4	Air Transat, Sunwing, WestJet	4h 35
St-Pierre, St-Pierre-et-Miquelon	FSP	1	Air Saint-Pierre	2h 50
Toulouse, France†	TLS	2	Air Transat	7h 05
Tunis, Tunisia†	TUN	1	Syphax	8h 55
Varadero, Cuba	VRA	25	Air Canada, Air Transat, Cubana, Sunwing, WestJet	4h 00
Venice, Italy†	VCE	2	Air Transat	7h 45
Zurich, Switzerland	ZRH	5	Swiss	7h 25

W = Weekly Departures. * Flight times gate to gate, according to Aéroports de Montréal (www.admtl.com). ** Destination served in winter only. † Destination served in summer only.

Cities with a red dot offer direct flights to Montréal. Consult the complete list above

Visa

VISITING CANADA

EVERY YEAR, MORE THAN 35 MILLION PEOPLE VISIT CANADA TO ENJOY THE MANY OPPORTUNITIES OUR COUNTRY HAS TO OFFER.

Depending on where they live, and the reason for their visit, visitors will need to meet certain entry requirements. Meeting planners and event organizers can count on the Canada Border Services Agency (CBSA) to provide the best possible service in helping coordinate the border crossing requirements for their event.

VISA REGULATIONS

American visitors to Canada need a proper identification document (passport, birth certificate, a certificate of citizenship or naturalization, U.S. Permanent Resident Card). Other **international visitors** to Canada need either **a visa** or, **an electronic travel authorization (eTA)**.

What exactly is an electronic Travel Authorization (eTA) and how will it affect you ? www.cic.gc.ca/english/visit/visas.asp

Eligible travellers can apply online for an eTA, simply visit: www.canada.ca/eta

OBTAINING GUIDANCE FROM THE CBSA (CANADA BORDER SERVICES AGENCY)

Working with the CBSA provides organizers with a single point of contact for the Government of Canada to help coordinate the border crossing requirements for their event. The CBSA offers guidance on admissibility requirements, coordination assistance with the ports of entry and collaboration between government agencies.

CBSA coordinators with the International Events and Convention Services Program (IECSP) can access a vast network of Government of Canada departments on behalf of meeting planners or show organizers and will ensure they are aware of all the border requirements related to their event early in their planning process.

To obtain information regarding CBSA regulations on the conditions and procedures for foreign or domestic organizations temporarily importing goods into Canada for a convention, meeting, trade show, exhibition or event, complete the Notice of an International Event, Meeting, Convention or Incentive Travel form, simply visit:

www.cbsa-asfc.gc.ca/services/ie-ei/notice-avis-eng.html

Canada Border Services Agency | Agence des services frontaliers du Canada

February 27, 2017

Dr. Lynn Soby
Executive Director
IUPAC Secretariat
79 T.W. Alexander Drive
Research Commons Building 4501, Suite 190
Research Triangle Park, NC 27709, USA

Dear Dr. Lynn Soby,

This letter is in response to your request for a Letter of Support with regard to your bid for the IUPAC-2021 48th World Chemistry Congress and 51st General Assembly.

The Canada Border Services Agency (CBSA) appreciates the opportunity to be included as a partner and is pleased to offer our support for this event.

The CBSA's International Events and Convention Services Program (IECSP) serves as the event coordinator's focal point for the preparation, stakeholder awareness and successful delivery of Canadian entry processes for events taking place in Canada. Should your bid be successful, the IECSP will work with the event organizers to provide a clear understanding of admissibility requirements and provide guidance for the facilitative arrival of people and goods to Canada.

We wish you every success in your bid and look forward to contributing to the security and prosperity of your event.

Should you have any questions please do not hesitate to contact us at MES-SEM@cbsa-asfc.gc.ca.

Sincerely,

Ian Donald
National Coordinator
International Events and Convention Services Program
Canada Border Services Agency
191 Laurier Ave. West
Ottawa, Ontario K1A 0L8, Canada

Canada

In and Around Montréal

OUTSIDE OR IN THE UNDERGROUND CITY

THESE STREETS WERE MADE FOR WALKING

Safe and clean. Simply a walker's delight. The streets of Montréal are a great way to discover the city and get you from your hotel to the Palais and back, at any time of day or night. In fact, the Palais is within walking distance of 14,000 downtown hotel rooms.

ABOVE AND UNDER GROUND

The Palais is directly linked to 4,000 hotel rooms via a 32 km (20 mile) Underground Pedestrian Network. This clean and brightly-lit network, "Montréal's Underground City," is visited by half a million people daily.

PUBLIC TRANSIT CONNECTIONS MADE EASY

The Palais is located right in the heart of the city, making it easily accessible on foot or by public transit. The Place-d'Armes subway station (Métro) is integrated in the centre and buses take you right to the Palais' front door.

World Trade Centre Montréal (Underground City)

Old Montréal

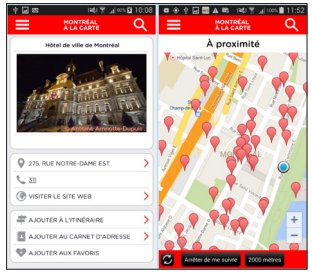
MONTRÉAL À LA CARTE
Ville-Marie Montréal

Montréal à la carte :
Montréal at a Glance with a directory of services in the downtown area

- **80** cultural institutions
- **100** parks and green spaces
- **150** parking lots
- **160** accommodation places

And more...

www.ville.montreal.qc.ca/villemarie/



Available on the App Store

ANDROID APP ON Google play

Old Montréal

Festivals and Events

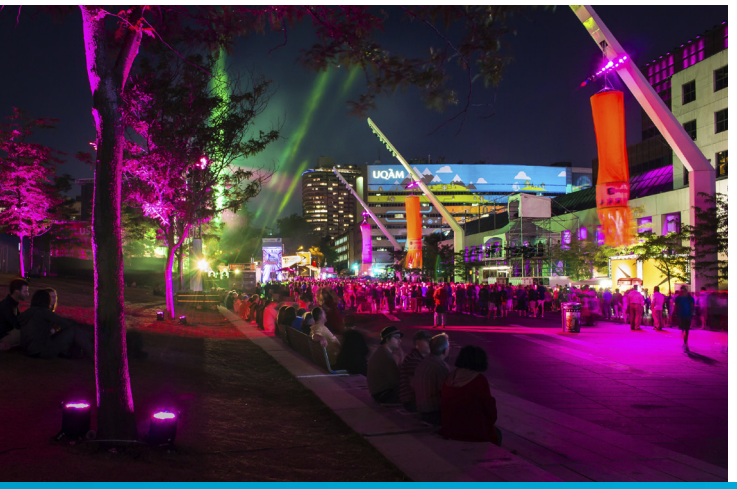
CATCHING THE FESTIVAL SPIRIT

THERE'S SOMETHING QUITE SPECIAL ABOUT THE STREETS OF MONTRÉAL. THEY ARE ALIVE AND THEY HOST THE MOST INCREDIBLE CULTURAL AND SPORTING EVENTS IN THE WORLD.

Throughout the year, day and night, crowds by the thousands come together to celebrate in harmony. It's fun, it's safe and it's quite a unique feeling that must be experienced to fully appreciate. Montréal presents an exceptional lineup of all kinds of events, indoors and out. This profusion of festivals is what makes Montréal a world-class destination for culture-seekers.

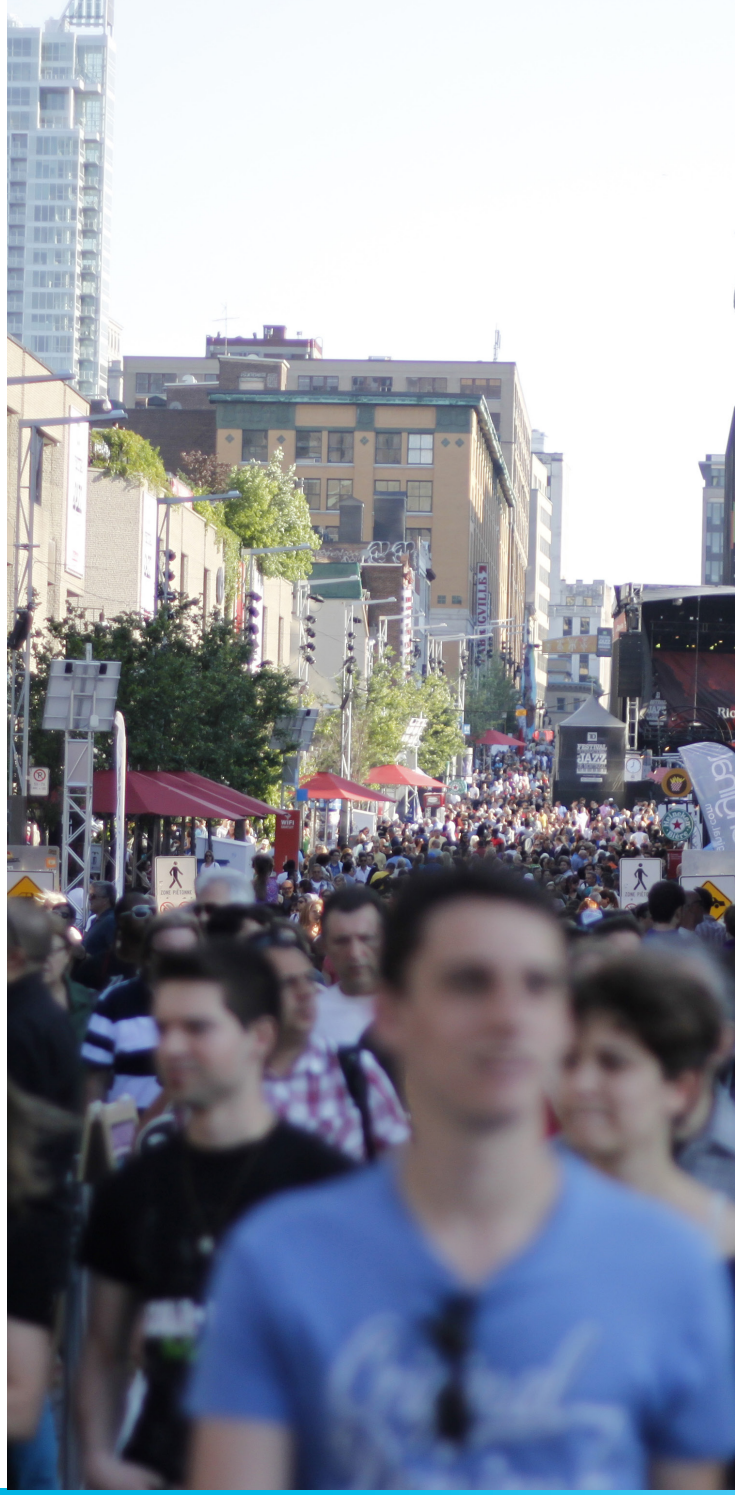
STAR-STUDDED FESTIVALS

The choice of Montréal festivals is almost endless. Montréalers and visitors alike have been enjoying the exceptional lineups of the world-renowned Jazz Fest and the Just for Laughs comedy festival for years. But there's so much more to Montréal as you will find revealed in quaint venues or major outdoor performances.



YEAR-ROUND FESTIVAL FUN

Montréal en lumière High Lights Festival (Culture)	February/March
International Festival of Films on Art	March
Montréal Digital Spring	March / April / May / June
Festival Transamériques (Theatre, Dance)	May / June
Montréal Chamber Music Festival	May / June
Mondial de la bière (Beer Festival)	May / June
Les FrancoFolies de Montréal (Francophone Culture)	June
Montréal Formula One Grand Prix	June
L'International des Feux Loto-Québec (Fireworks)	June / July / August
Festival International de Jazz	June / July
Montréal complètement cirque (Circus Arts)	July
Just for Laughs Festival	July
Zoofest (humor)	July
Festival Nuits d'Afrique (World Music)	July
MEG Montréal Festival (Electronic Dance Music)	July / August
Montréal First Peoples Festival	July / August
Fantasia International Film Festival	July / August
Montréal Fashion and Design Festival	July / August
Divers/Cité	July / August
Osheaga, Music and Arts Festival	August
Jardins de lumière (Garden of Light)	September through October
Festival du Nouveau Cinéma	October
Montréal Ghosts' Halloween Special	October
La Biennale de Montréal (contemporary art)	October through January
Cinemania French Film Festival	November



Attractions

MUST-SEE SITES

OLD MONTRÉAL

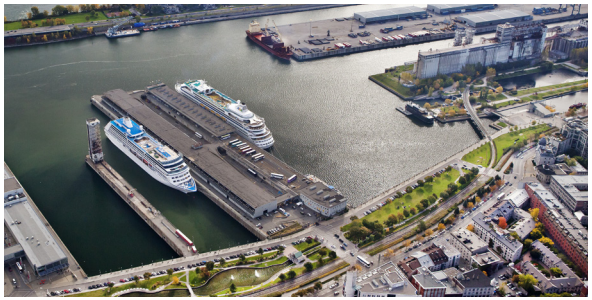
3 minutes walking from the Convention Centre

www.vieux.montreal.qc.ca

WATERFRONT: VIEUX-PORT

10 minutes walking from the Convention Centre

www.oldportofmontreal.com



MOUNT ROYAL PARK

30 minutes bus and/or subway from the Convention Centre

www.lemontroyal.qc.ca

PARC JEAN DRAPEAU

30 minutes bus and/or subway from the Convention Centre

www.parcjeandrapeau.com

NOTRE-DAME BASILICA

4 minutes walking from the Convention Centre

www.basiliquenddm.org

SAINT JOSEPH'S ORATORY

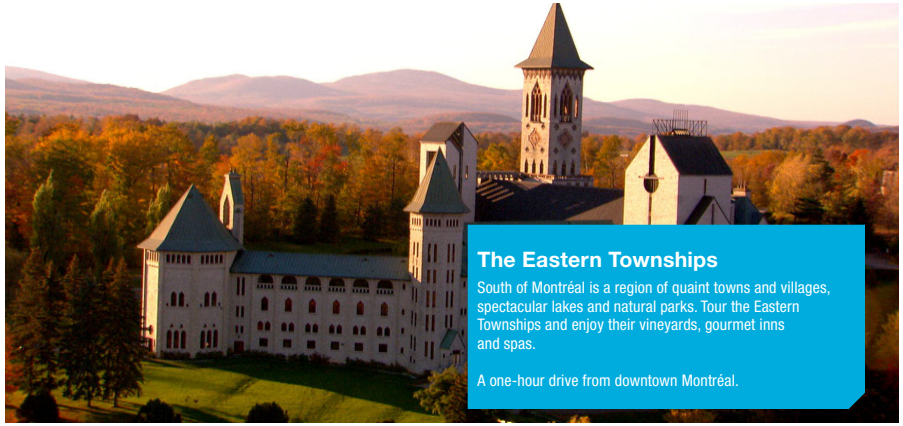
30 minutes bus or subway from the Convention Centre

www.saint-joseph.org

Tourism Outside Montréal

DISCOVER CLOSE AND BEAUTIFUL DESTINATIONS

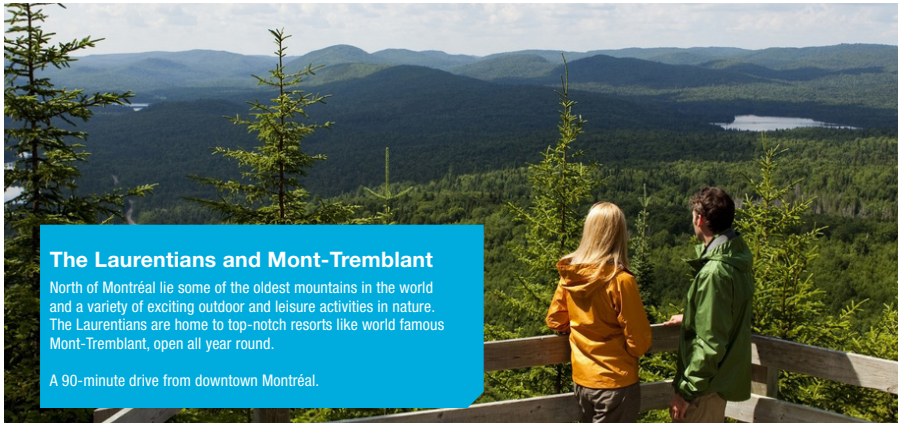
MONTRÉAL IS AN EXCELLENT BASE FOR DAY OR WEEKEND TRIPS. INTERNATIONAL DELEGATES CAN CHOOSE FROM AN INCREDIBLE SELECTION OF PRE AND POST TOURS RIGHT AT MONTRÉAL'S DOORSTEP, FROM EXCITING URBAN CENTRES SUCH AS QUÉBEC CITY, OTTAWA, BOSTON AND NEW YORK, TO THE GREAT QUÉBEC OUTDOORS.



The Eastern Townships

South of Montréal is a region of quaint towns and villages, spectacular lakes and natural parks. Tour the Eastern Townships and enjoy their vineyards, gourmet inns and spas.

A one-hour drive from downtown Montréal.



The Laurentians and Mont-Tremblant

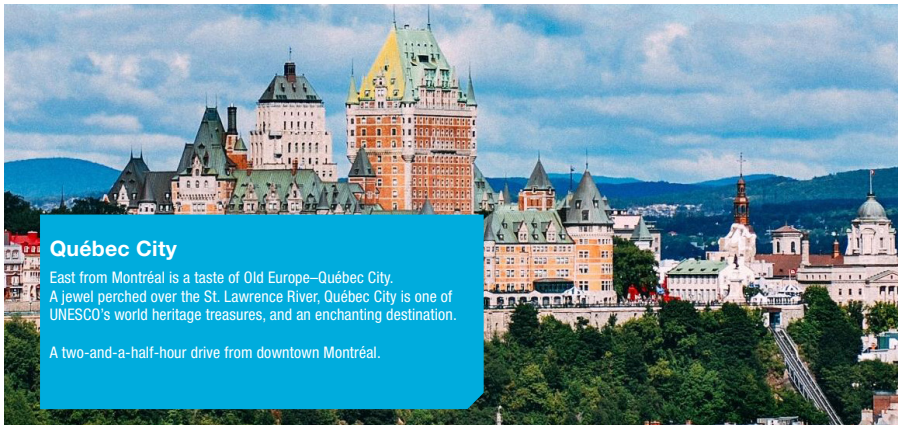
North of Montréal lie some of the oldest mountains in the world and a variety of exciting outdoor and leisure activities in nature. The Laurentians are home to top-notch resorts like world famous Mont-Tremblant, open all year round.

A 90-minute drive from downtown Montréal.

Charlevoix

Renowned for its hospitality and landscapes, the Charlevoix region is famous for its whale-watching cruises. The world's most extensive variety of large marine mammals, great whales and cetaceans like the beluga are here to welcome you.

A three-and-a-half-hour drive from downtown Montréal.



Québec City

East from Montréal is a taste of Old Europe–Québec City. A jewel perched over the St. Lawrence River, Québec City is one of UNESCO's world heritage treasures, and an enchanting destination.

A two-and-a-half-hour drive from downtown Montréal.

TOP REASONS TO CHOOSE

Montréal

TO HOLD THE

IUPAC-2021 or IUPAC-2023

48th or 49th World Chemistry Congress and 51st or 52nd General Assembly

August 13th to 20th, 2021 or July 28th to August 4th, 2023

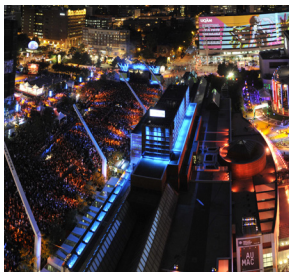
1 MONTRÉAL IS A HUB FOR SCIENTIFIC MEETINGS

- #1 host city in The Americas for international events for five years in a row (Union of International Associations (UIA) ranking)
- Top Canadian city and among Top 10 North American cities for number of research centres
- Home to over 1,500 organizations actively involved in R&D and 200 research centres
- Featuring 11 institutions of higher learning, including four universities

Be inspired by a city of knowledge and innovation

2 MONTRÉAL IS A TOP TOURISM DESTINATION

- A North-American vibe with a European flair
- Among Top 10 hip cities according to the New York Times and famous for its Joie de vivre
- One of the world's top food cities, with a diverse and affordable gastronomic offer influenced by Montréal's multiculturalism
- An endless stream of festivals throughout the year and the world stage for major events, including L'International des Feux Loto-Québec (Fireworks) and International Circus Festivals



Experience our renowned friendly welcome during summer, when festivals take over the city!

3 THE RIGHT CHOICE FOR ACCOMMODATIONS

- 14,000 hotel rooms downtown and 4,000 directly linked to the Palais des congrès
- 33 hotels rated 5- to 3-star to serve the Congress, offering a full variety of accommodations: luxury hotels, boutique hotels, inns, B&B and university residences
- Walking time from the Palais des congrès to hotels ranges from across the street to under 15 minutes
- 2021 average room rate US$ 204 / Can$ 273

A land of plenty offering all types and sizes!

4 BE WELCOMED IN A BRIGHT AND COLOURFUL CONVENTION CENTRE

- 30 years of experience in welcoming prestigious international congresses
- Impressive 90 % customer satisfaction rate
- The Palais des congrès is of human scale; it is easy to navigate
- The creative and young executive Chef is reinventing classic regionaL cuisine by imbuing it with the multicultural flavor of Montréal to create distinctive and savory dishes
- Modern technological environment with a strong and reliable Internet infrastructure, and free WiFi on level 1

With a stimulating environment, state-of-the-art technology, tasteful menus and impeccable customer service, the Palais des congrès will help you experience the greatest Congress ever!

5 EASY ACCESS TO AND WITHIN THE CITY

- The Palais des congrès (convention centre) is located right in the heart of the city, at the crossroad of vibrant districts
- Safe and pedestrian-friendly streets
- It is directly linked to the subway and the famous underground city 32 km (20 miles) used by 500,000 people on a daily basis
- 20-minute connection from the airport to downtown and the convention centre
- Express bus line from the airport to the Palais (Can$10.00), including free Wi-Fi and 24h access to the public transportation system
- Numerous transportation modalities in the city: subway, Bixi bike sharing system, bus, taxi
- 135 direct flights connected to Montréal-Trudeau International Airport
  - 1 1/2 hour from New York City
  - 5 1/2 hours San Francisco
  - 7 1/2 hours from Frankfurt
  - 13 hours from Beijing

Shopping, history, entertainment, and exciting nightlife…
just steps away from the Palais des congrès

Canadian Society for Chemistry | ***For Our Future***

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We Bid to Hold

World Chemistry Congress & General Assembly

2021/2023

Hangzhou, China

Paradise in Heaven

Hangzhou on Earth

Hangzhou International EXPO Center

Where G20 2016 CHINA Was Held

Contents

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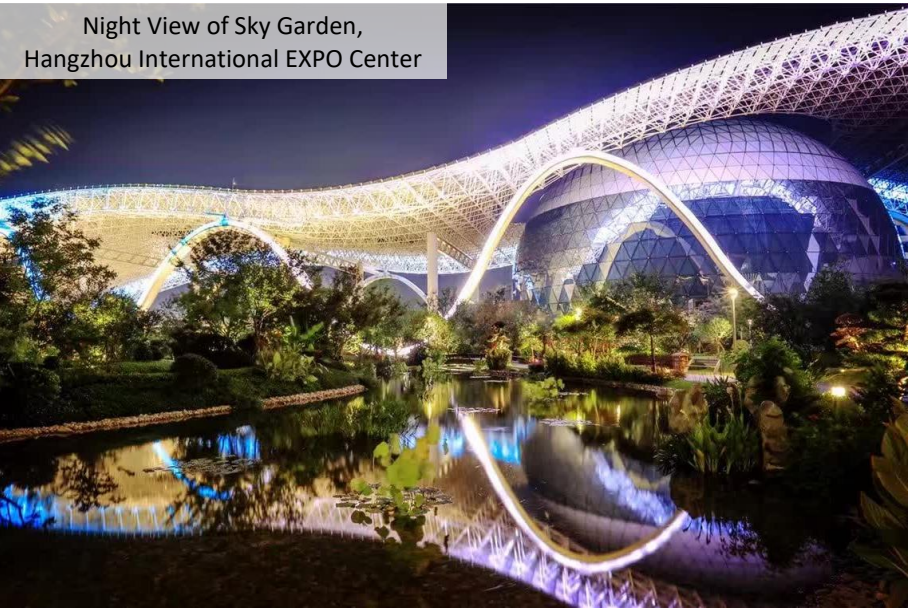
Preface

Chinese Chemical Society (CCS) wishes to submit a proposal to host the IUPAC World Chemistry Congress in **2021/2023** in Hangzhou, the People's Republic of China.

Currently, the world is facing unprecedented challenges in the new millennium, including resources shortage, environmental deterioration, biodiversity loss and enlarged disparity in social and economic and development, threatening the sustainability of our human society. Chemistry is playing an irreplaceable role in solving these problems.

We confirm that the conditions set by IUPAC for both the Congress and the General Assembly are understood and accepted. The Chinese Chemical Society boasts extensive experiences in organizing large scale conferences. We have successfully organized over **30** symposia every year and the biennial CCS Congress welcomes over **11,000** participants. We have successfully hosted two IUPAC Congresses, the 34th World Chemistry Congress in 1993 and the **40th** World Chemistry Congress in **2005** in Beijing. We are confident that CCS will make the IUPAC World Chemistry Congress & General Assembly in **2021/2023** a great success in Hangzhou.

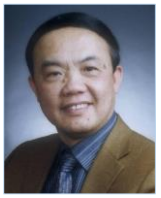
WCC & GA 2021/2023 Overview



Night View of Sky Garden, Hangzhou International EXPO Center

- Tentative Theme: “Innovative Chemistry at the Energy and Environment Time”
- Date: July 18-25, 2021 (or July 15-22, 2023)
- Host City: Hangzhou, China
- Venue: Hangzhou International EXPO Center
- Expected Participants: 4000

Organizing Committee, Leading Team



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Prof. Jiannian Yao

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jnyao@iccas.ac.cn

Vice Chair, WCC
Prof. Jihong Yu

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Deputy Secretary General, Marketing & Finance
Dr. Suping Zheng

CCS Office
spzheng@iccas.ac.cn

Tentative Program

Date (2021)	/Date (2023)	Place	Events
Jul 18, SUN	Jul 15, SAT	GA Meeting Room	Early Task Group
Jul 19-20	Jul 16-17	GA Meeting Room	Division Committees
Jul 20-21	Jul 17-18	GA Meeting Room	Standing Committees
Jul 20	Jul 17	Exhibition Hall 4D	Congress/GA joint Open Ceremony
Jul 22	Jul 19	1F 101	Bureau Committees & Bureau
Jul 23	Jul 20	1F Multifunction Room A	World Chemistry Leadership Meeting (WCLM) plenary session
Jul 23	Jul 20	1F Multifunction Room A & Sky Garden	Council Meeting & Evening Reception
Jul 24	Jul 21	1F Multifunction Room	Council Meeting
Jul 24	Jul 21	4F Plenary Hall	Congress Gala Dinner
Jul 25, SUN	Jul 22, SAT	Exhibition Hall 4D	Bureau & Congress Closing Ceremony

Meeting rooms will be introduced in the venue section

48th /49th WCC | Scientific Sessions

Innovative Chemistry at the Energy and Environment Time

Session 1 Powering the world through sunlight
Local Chair: Prof. Can Li, Dalian Institute of Physical Chemistry, CAS
Covering artificial photosynthesis, water splitting, photovoltaic processes and solar cells, storing solar energy through chemical bond, etc.

Session 2 Chemical biology for better health
Local Chair: Prof. Weihong Tan, Hunan University
Covering discovery biology, total synthesis, molecular imaging, drug design, etc.

Session 3 Chemistry for better environment
Local Chair: Prof. Guibin Jiang, Research Center for Eco-Environment Sciences, CAS
Covering green chemical processes, novel chemical reaction for atom economy, materials for pollution control and remediation, photocatalytic materials for degradation of toxic substances.

Session 4 Weak chemical bonds
Local Chair: Prof. Yadong Li, Tsinghua University
Covering self-assembly methodology, novel molecular architectures, bio-inspired materials, novel functions from assembly structures

Session 5 Frontiers of innovative chemical synthesis and processes
Local Chair: Prof. Kuiling Ding, Shanghai Institute of Organic Chemistry, CAS
Covering methods in preparing nanomaterials, polymer, and functional materials

Session 6 Materials chemistry for sustainable society development
Local Chair: Prof. Zhongfan Liu, Peking University
Materials chemistry for sustainable society development, covering fuel cells, battery, CO_2 conversion, feed stock

Session 7 Intersection of electronic structure theory and dynamics
Local Chair: Prof. Maochun Hong, Fujian Institute of Research on the Structure of Matter, CAS
Covering computational method for large scale molecules, challenges in excited state calculation, quantum dynamics for complex system, modeling of catalytic and non-adiabatic processes

Session 8 Chemistry for next generation electronics and optoelectronics
Local Chair: Prof. Wei Huang, Nanjing Tech University
Covering molecular electronics, electronic application of molecular and polymeric functional materials, novel quantum phenomena at molecular scale, innovative device structure for better performance

48th /49th WCC | Registration Fee

Registration Fee

Total: 4000 delegates

International: 2000 delegates

Local: 2000 delegates

Support for Young Chemists & Students

1) Low registration fee

2) Bursaries application

We will establish a bursary committee to handle all applications. Awardees will receive free registration and travel grants.

Delegates Type	Registration Fee (USD)	Registration Fee (EUR)	Registration Fee (CNY)
General Delegates	700	630	4800
IUPAC Affiliates	550	495	3700
IUPAC Members & Delegates	350	315	2400
CCS Members	350	315	2400
Students	250	225	1700

WCC & GA | Budget

INCOME	USD	NUMBER	USD
Registration			
General Delegates	700	200	140,000
IUPAC Affiliates	550	1000	550,000
IUPAC Members & Delegates	350	200	70,000
CCS Members	350	1800	630,000
Student Participates	250	800	200,000
Exhibition	3000	30	90,000
Sponsorship	10000	10	100,000
Hangzhou Tourism Funding			15,000
CAST Funding			30,000
TOTAL INCOME			1,825,000

EXPENDITURES	USD	NUMBER	USD
Venue Renal			600,000
Food/Beverages			
Coffee Break & Lunch Coupon	25*4=100	4000	400,000
Reception	50*500=25000	1	25,000
Gala Dinner	60*300=18000	1	18,000
Facility/ Audio/Visual			400,000
VIP Accommodations			40,000
Exhibition/Poster			20,000
Event Marketing			30,000
Delegates Materials	25	4000	100,000
TOTAL EXPENDITURE BEFORE CONTINGENCY			1,633,000
10% Contingency			163,300
TOTAL EXPENDITURE			1,796,300

TOTAL INCOME	USD	1,825,000
TOTAL EXPENDITURE	USD	1,796,300
NET SURPLUS	USD	28,700

WCC & GA | Social Events

Welcome Reception @ Sky Garden

The Council Delegates welcome cocktail reception will be held at the Sky Garden on the roof of Hangzhou International EXPO Center. The total area of the Sky Garden is **60,000** m^2 with **1,700** m^2 social events ground. You will enjoy light finger food, drinks and local wine with a great light show on the Qiantang shore. →

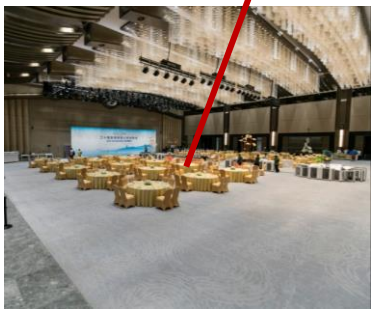
Tip Sky Garden provides a graceful place to social and relax during the conference period. Meanwhile, the multi-layered Green System is made up of Qiantang River and Roof Garden itself.

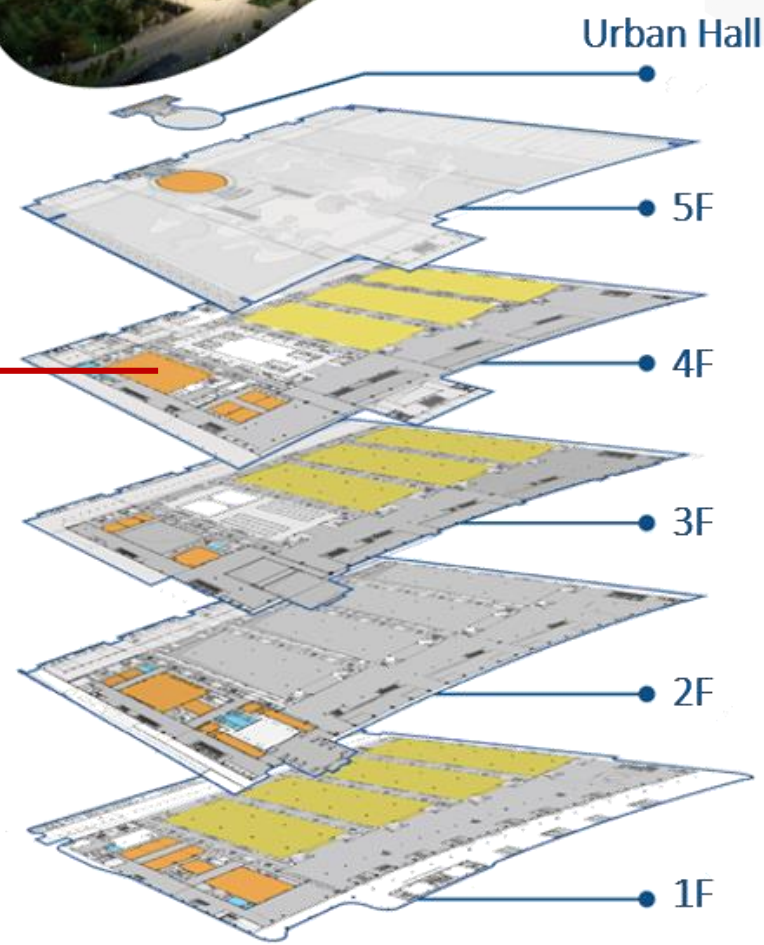
WCC & GA | Social Events

Gala Dinner

The gala dinner will be held at the 4F Plenary Hall in the Convention Center with a banquet capacity of **1100**. G20 chefs group will bring unforgettable cuisines including both Oriental and Western.

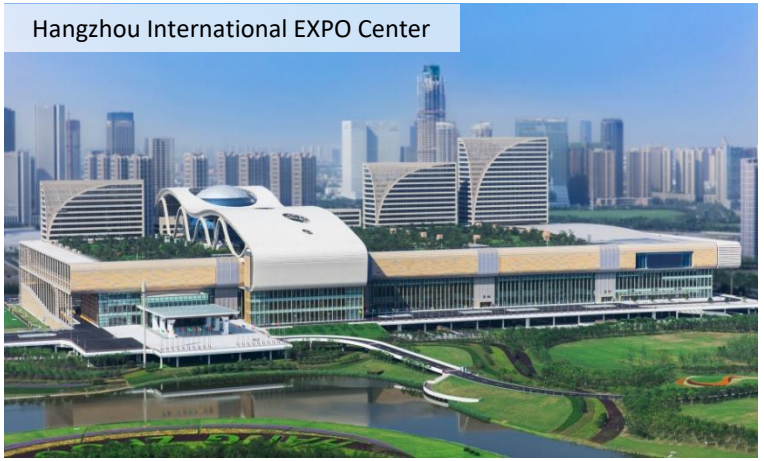
All Council Delegates and Guests will be provided a free tour at G20 Museum nearby. ↓





Venue | Overview

Hangzhou International EXPO Center



Night View of EXPO Center

Hangzhou International EXPO Center

Location: South Shore of the Qiantang River

Exhibition, Convention, Catering, Tourism, Hotel

Experience: **G20 HANGZHOU SUMMIT**

Exhibition: **90,000** m^2

International Standard Booth: **4,500**

Convention: **180,000** m^2

Meeting Area: **5** floors

Meeting Rooms: **61**

North Star Hangzhou International EXPO Center Hotel

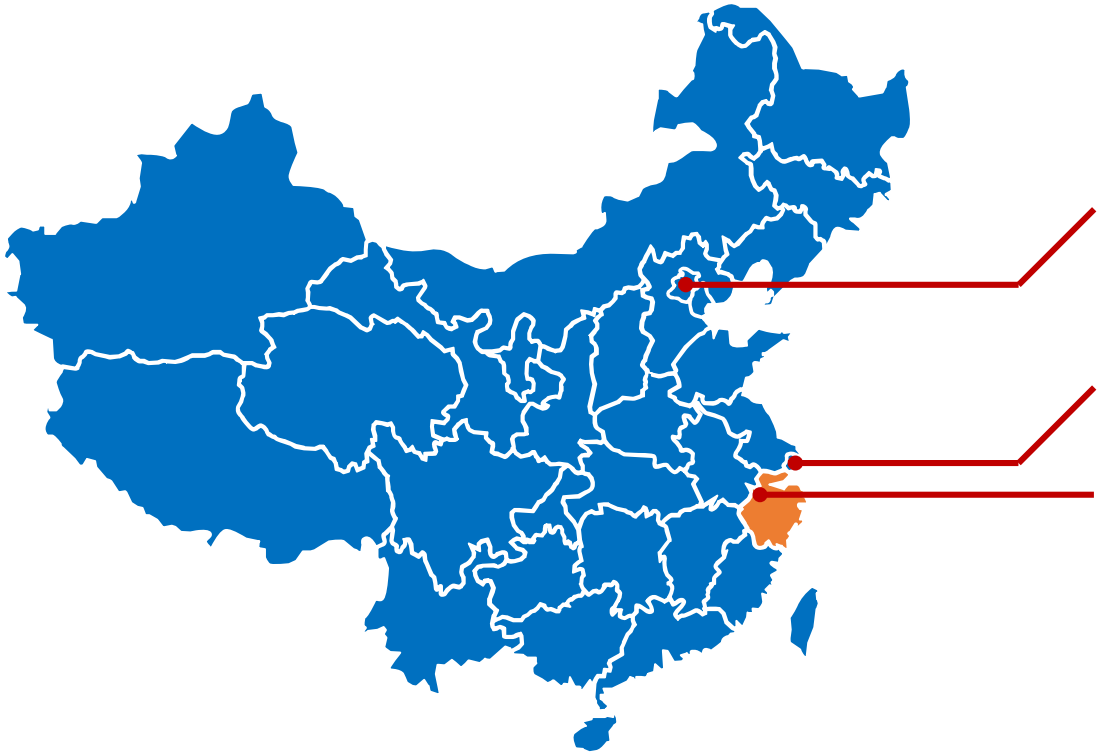
Rooms: **262**

Floors: **19**

5 Minutes Walk to Convention Area (via Sky Garden)

Venue | Construction Overview

Venue | Access



Zhengjiang Province

City

Beijing, 5 hours to Hangzhou by High-Speed Rail

Shanghai, 45 minutes to Hangzhou by High-Speed Rail

Hangzhou International EXPO Center (Hangzhou)

20-minute drive:

Hangzhou Xiaoshan International Airport
Hangzhou Railway Station
Hangzhou East Railway Station
Hangzhou South Railway Station

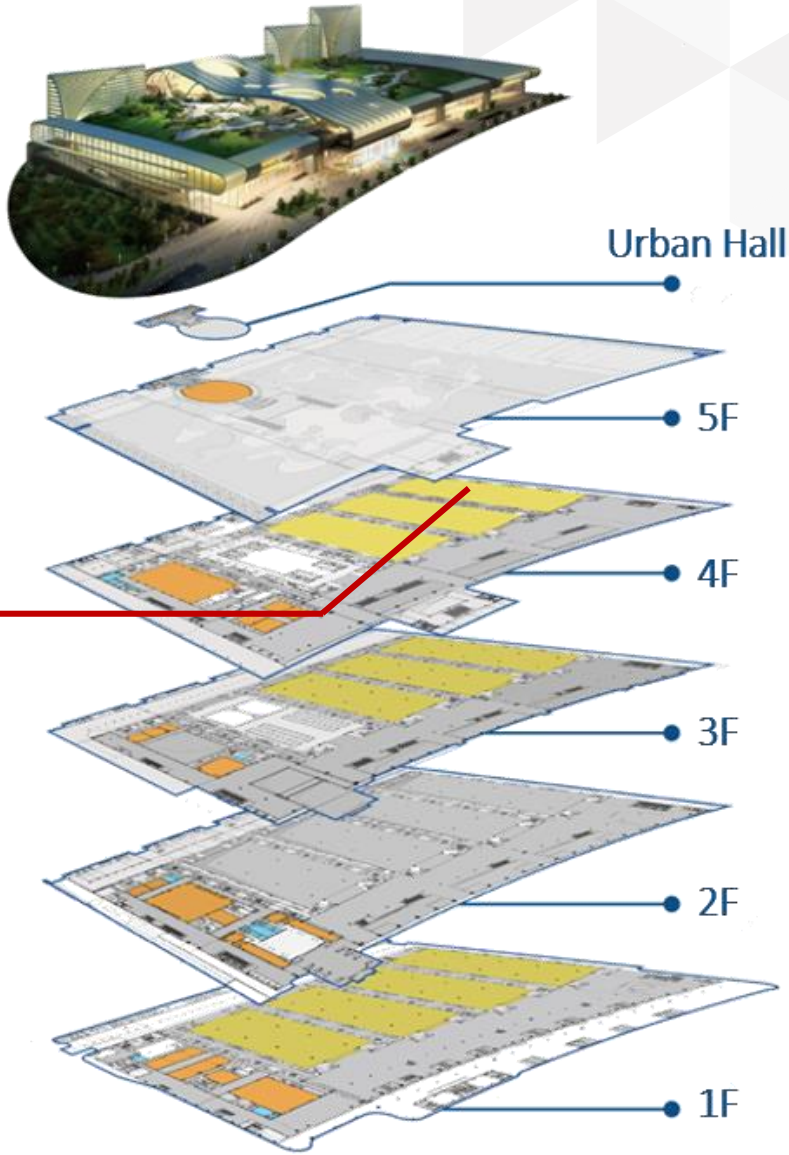
Metro Line 2 & Line 6 available to access (2018 open)

Airport Station: 12 stops, 1 transfer
Hangzhou Railway Station (Chengzhan): 6 stops, 1 transfer
Hangzhou East Railway Station: 6 stops, no transfer
Hangzhou South Railway Station: 7 stops, 2 transfer

Venue | Floor Plan

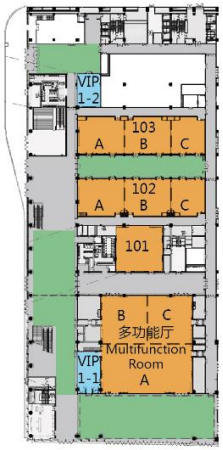
WCC & GA 2021/2023 Open and Closing Ceremony
Exhibition Hall 4D, 9600 m^2
Theatre Style Capacity: 8000

4F

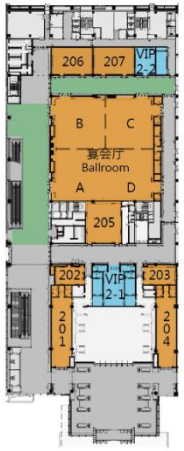


Venue | Floor Plan

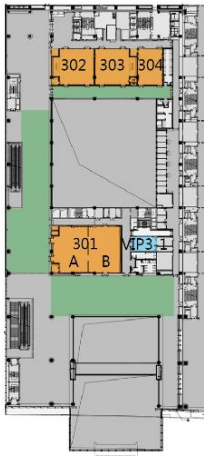
GA 2021/2023 Meeting Room (U Shape)
Bureau: 1F 101 (80)
Other GA Meeting Rooms to be used:
2F: 202, 203, 205 (30, 35, 45)
3F: 302, 303, 304 (45, 45, 32)
4F: 401, 402, 403, 404 (40, 40, 35, 35)



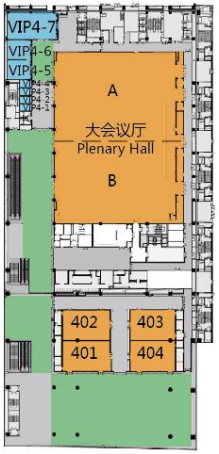
1F



2F



3F



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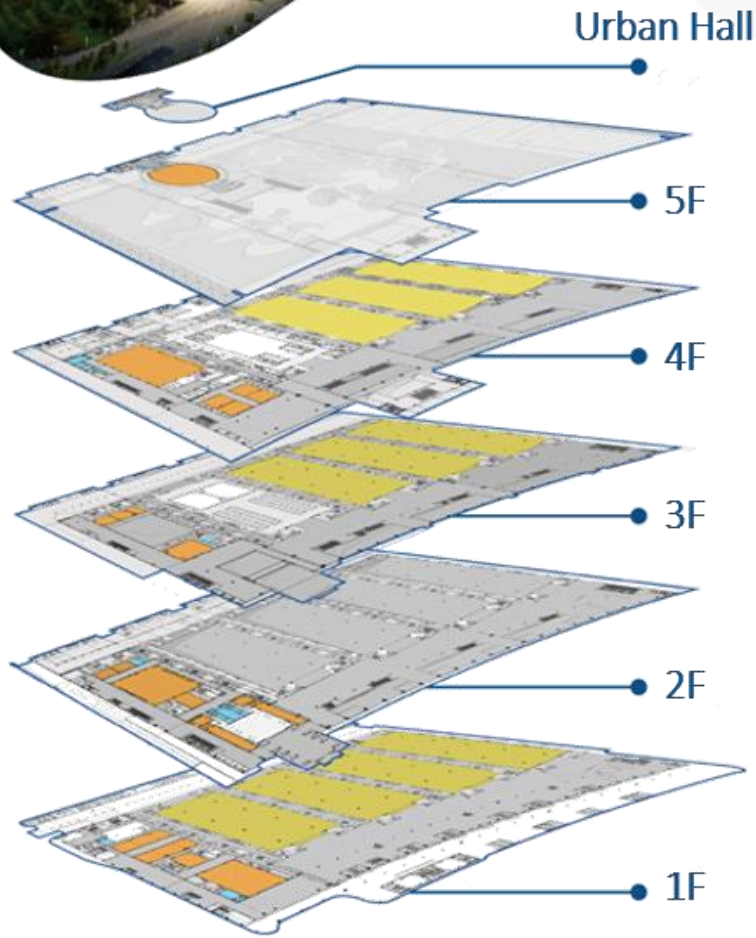
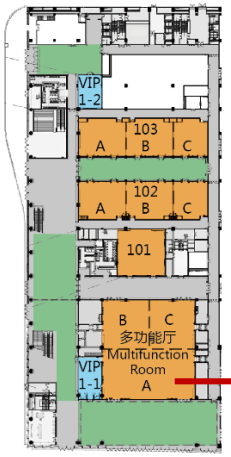


Venue | Floor Plan

Council Meeting Room
1F Multifunction Room A
Classroom Style Capacity: 350

Council Room (Lunch)
1F Multifunction Room BC
Banquet Style Capacity: 400



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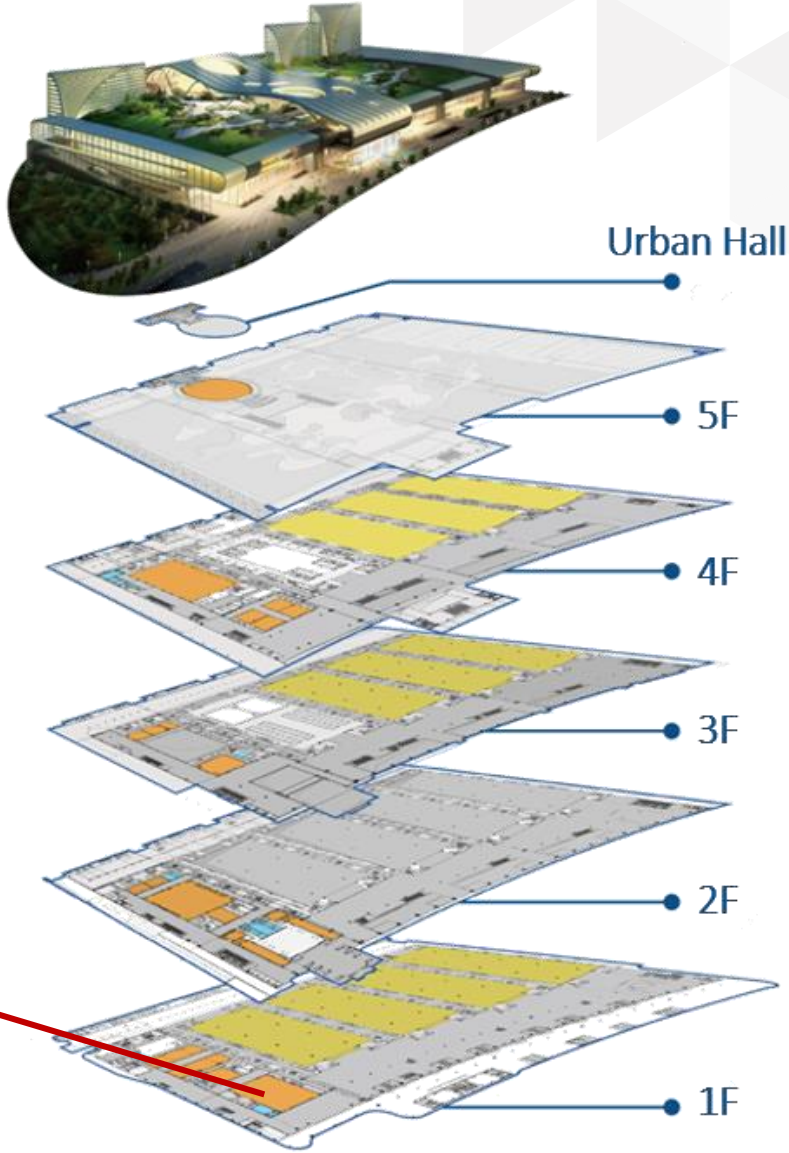
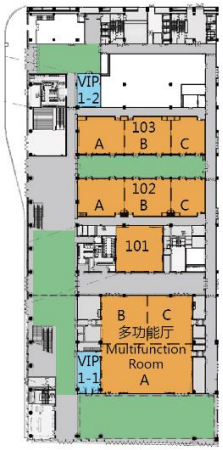


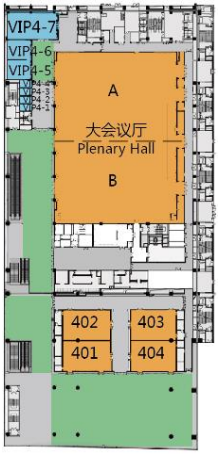
Venue | Floor Plan

WCC 2021/2023 Meeting Room (Theatre Style)
Session 1: 2F Ballroom A (400)
Session 2: 1F 102 (500)
Session 3: 1F 103 (500)
Session 4: 2F Ballroom B (400)
Session 5: 2F Ballroom C (400)
Session 6: 2F Ballroom D (400)
Session 7: 4F Plenary Hall A (750)
Session 8: 4F Plenary Hall B (750)



1F

2F



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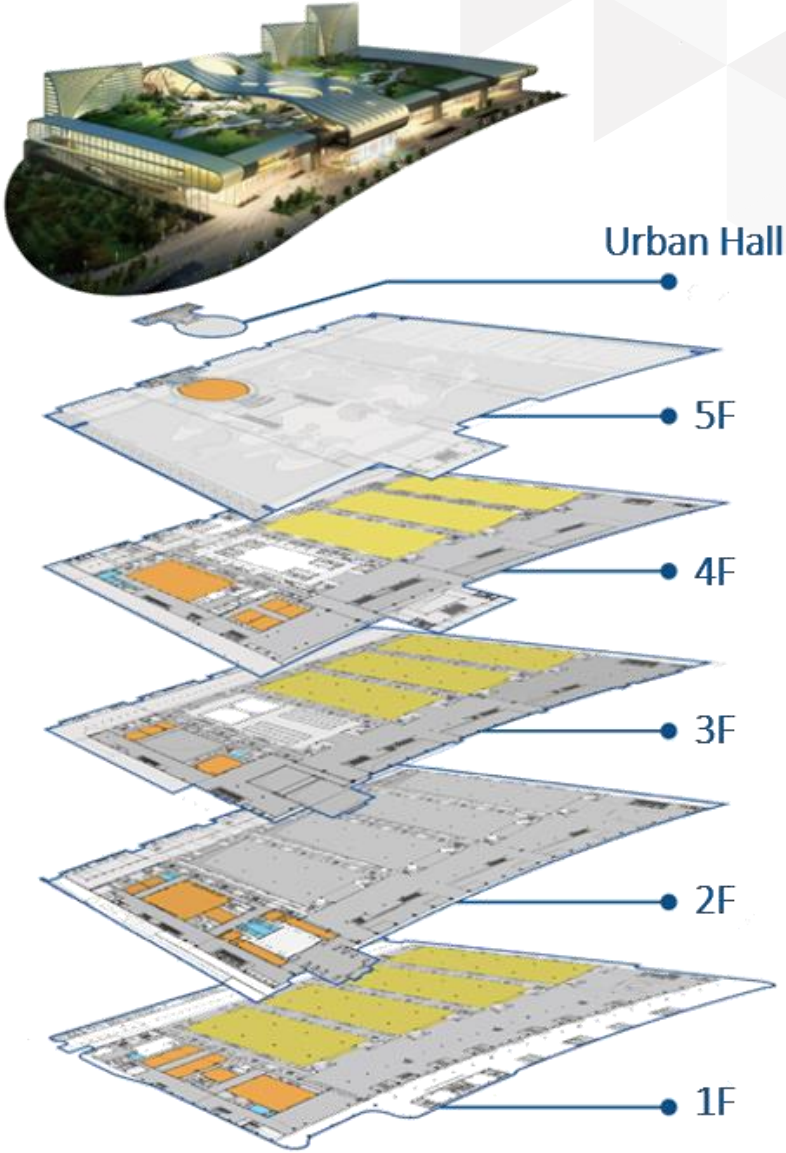
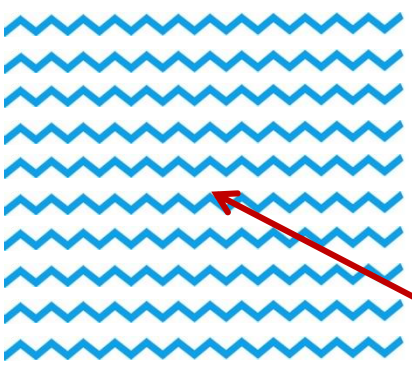


Venue | Floor Plan

4-day afternoon Poster Sessions will be held in a 20*20 m poster area at the public area of 2F (450 m²).

50 posters 1 row, 10 rows (2,000 posters in total)

Poster board size: 2m high, 1m wide



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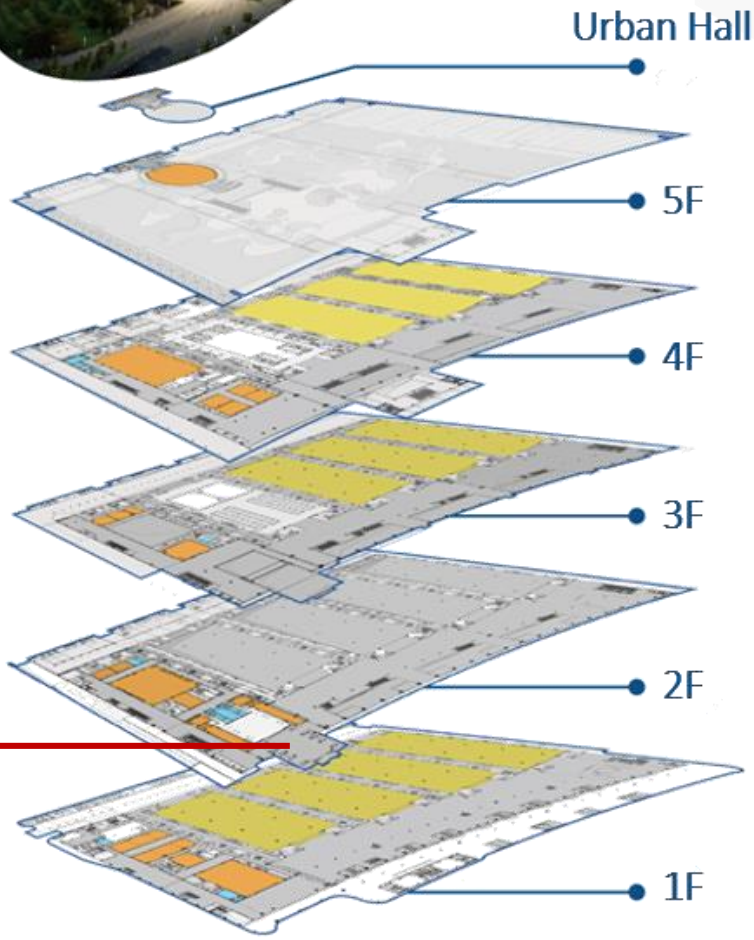
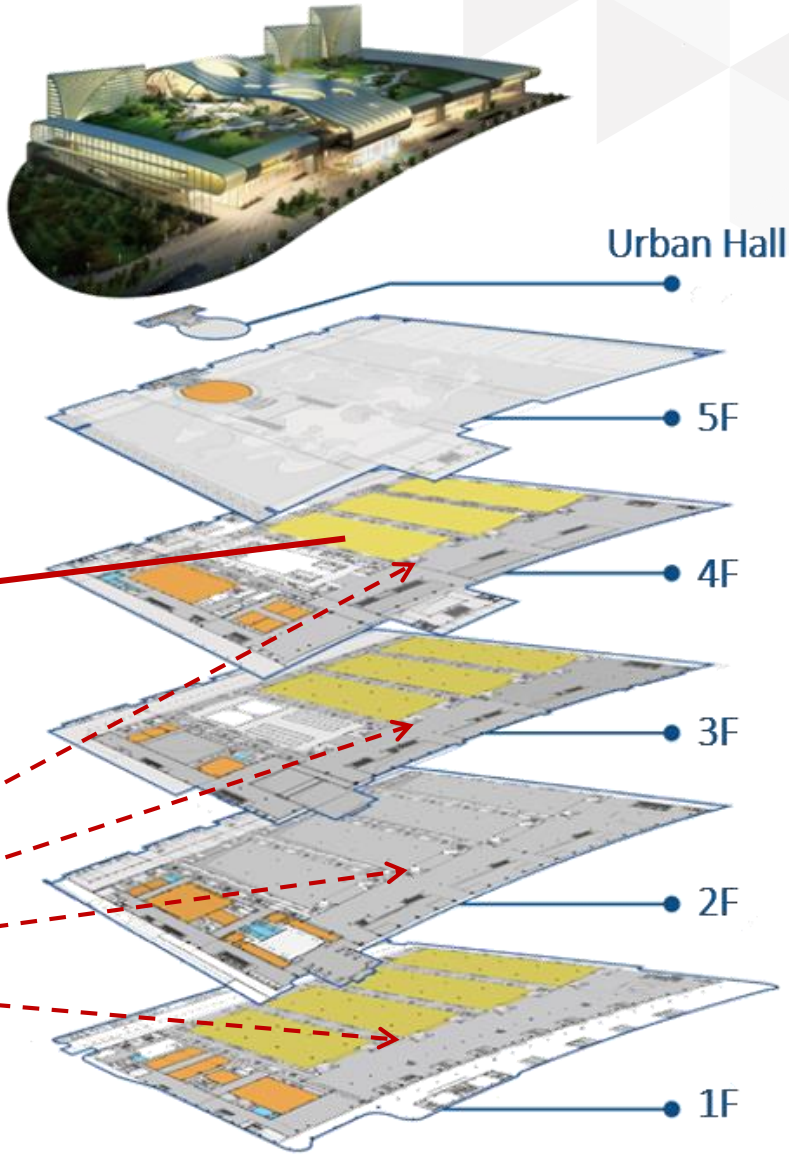


Venue | Floor Plan

Coffee Break
During the WCC & GA period, morning & afternoon coffee break will be set up at the drink station on each floor with drinks, local fruits and snacks.

Delegates Meal
Conference Lunch is provided for all standard delegates during the WCC & GA period.
Conference Lunch can be collected and used at **Exhibition Hall 4B**.
It will be a good choice to have a relax on the Sky Garden after lunch.

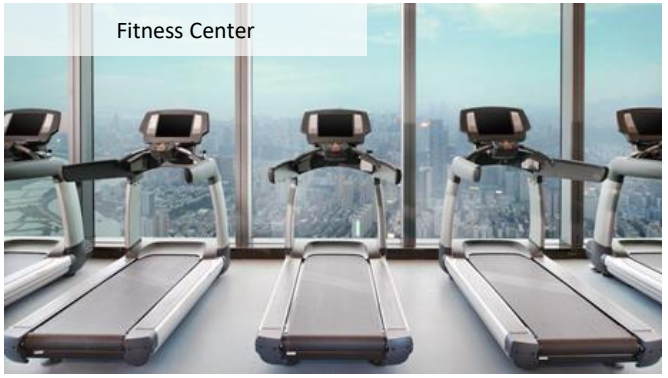


Accommodation | North Star HIEC Hotel

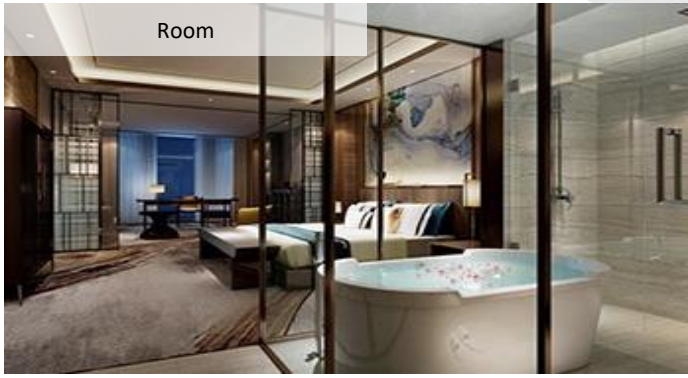
North Star Hangzhou International EXPO Center Hotel is the conference center's matched hotel which will be used as the official hotel.

Restaurant, 220+ seats (meals)

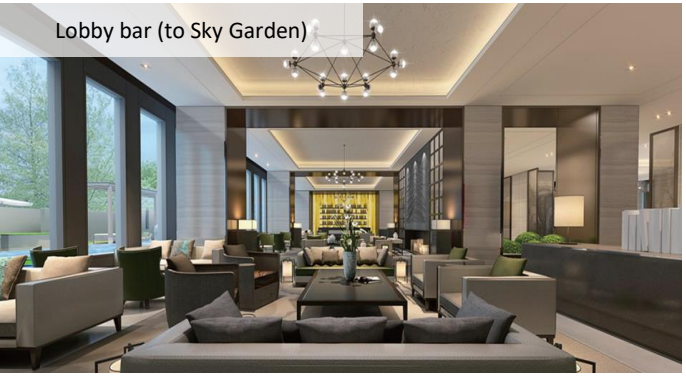
Fitness Center



Room

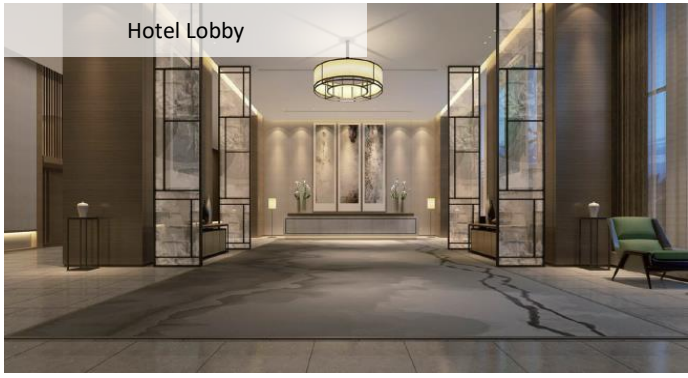


Lobby bar (to Sky Garden)



Conference Hall

Hotel Lobby



Accommodation

There are many hotels with different star rate in Hangzhou International EXPO Center region with more than **10,000** rooms. WCC & GA attendees will have a reduced hotel rate in some recommended hotels.

High Star Rate Hotels	Star Rate	Indicative Rate (USD)	Distance (km)
North Star Hangzhou International EXPO Center Hotel	4+	100	<0.3
Diaoyutai Hotel Hangzhou	5	260	2.67
Hangzhou Marriott Hotel Qianjiang	5	180	2.55
Park Hyatt Hangzhou	5	260	3.43
InterContinental Hangzhou	4+	150	2.70
Sheraton Grand Hangzhou Binjiang Hotel	4+	150	4.79

Budget and Comfortable Hotels	Star Rate	Indicative Rate (USD)	Distance (km)
Blossom Tao Hotel Hangzhou	3+	60	1.27
All Seasons Hotel	3+	70	2.81
ZYSP Hotel	3	50	3.35
Orange Apartment Hotel	3	40	1.12
Pod Inn EXPO Center Hotel	3	40	1.75
YIXIN Hotel	3	50	3.37

About Hangzhou

Hangzhou Residents: 9.018 million

Hangzhou GDP in 2016: 11050.49 Billion Yuan

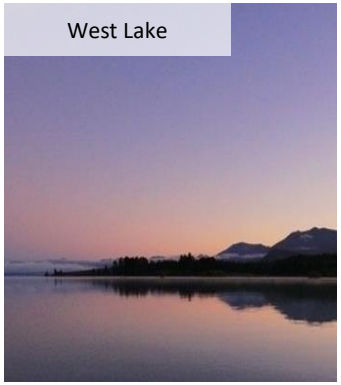
Civilization History: 8,000 years

City History: 2,200 years

As China's Capital: Wuyue Kingdom & Southern Song Dynasty

West Lake Lane Street

Lotus in the Breeze at Crooked Courtyard



West Lake

Night Tour on West Lake

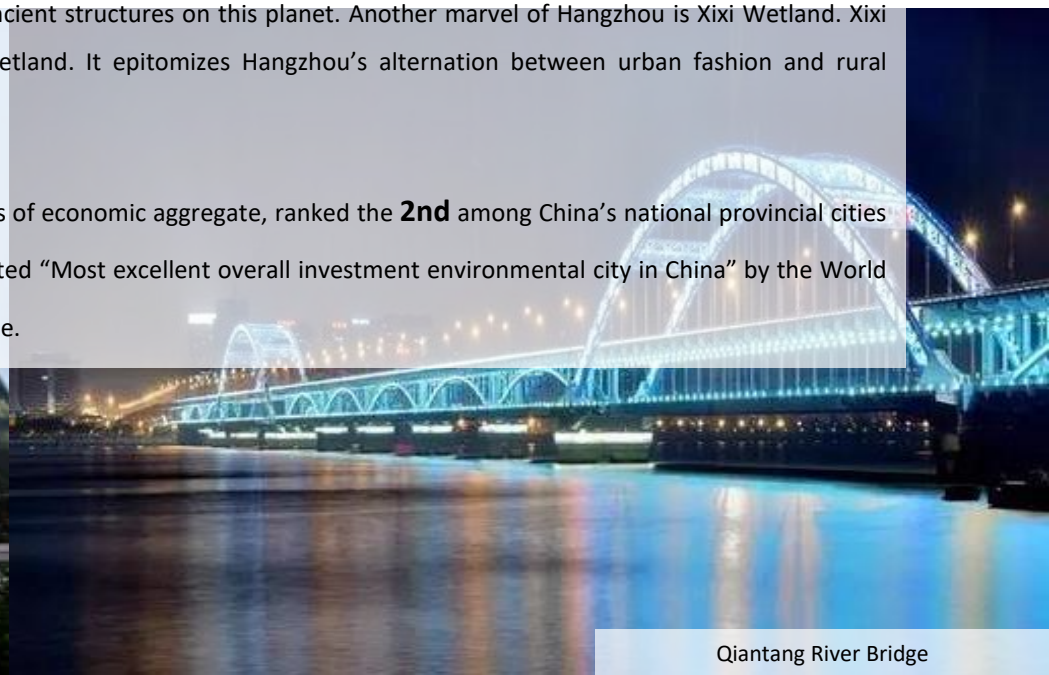
About Hangzhou

Hangzhou, as the capital of Zhejiang province, is located at the Yangtze River Delta of China fastest growing economies, with only **170** kilometers distance to Shanghai. The total area of the city is **16,596** square kilometers including the urban area of **3,068** square kilometers. This splendid city has long been considered the paradise city of China, praised for its myriad canals and waterways, lush rolling hills, fragrant fields of green tea, spectacular pagodas, temples and pavilions, and of course, the famous West Lake.

Just as nature changes clothes with each of the four seasons, the scenery around West Lake differs with the time of day. There are also some other marvels in Hangzhou. The Grand Canal, with a total length of **1774** km, is the earliest and longest canal in the world. Along with the Great Wall of China, the Great Pyramid of Egypt and the Great Stupa of India, it is one of the four most magnificent ancient structures on this planet. Another marvel of Hangzhou is Xixi Wetland. Xixi Wetland is the first national wetland park in China, and a rare suburban wetland. It epitomizes Hangzhou's alternation between urban fashion and rural wilderness.

Today, Hangzhou is one of the most vigorous cities in China. Hangzhou, in terms of economic aggregate, ranked the **2nd** among China's national provincial cities and the **8th** among national large & middle-sized cities. Hangzhou had been rated "Most excellent overall investment environmental city in China" by the World Bank for **3** years and "Most excellent business mainland city" by Forbes Magazine.

Alibaba Group Headquarter, Hangzhou



Qiantang River Bridge

About Hangzhou | More Hangzhou Attractions

Boating/Fishing at Xixi Wetland

Southern Song Imperial Street

"Most Memorable is Hangzhou" show

G20 Museum

The Grand Canal

About Hangzhou | Culture

Mei Jia Wu Tea Culture Village

Hangzhou, **the Tea Capital of China**, is the home to the National Tea Museum. Local product, Dragon well green tea, is topping the list of China's most famous tea varieties.

Lingyin Temple

Ancient Hangzhou saw the construction of hundreds of **Buddhist temples** and shrines spread about the mountainous landscape and around West Lake, reaching a maximum of **480** by the end of Song Dynasty.

Traditional Chinese Medicine

Traditional Hangzhou Foods
Longjing Tea Shrimp→
West Lake Sour Fish
Song Sister's Sweet & Sour Fish Soup
Beggar's Chicken
Dongpo Pork, etc.

The Home of Silk

China's Capital of Food

Appendices 1

For Chinese Visa, invitation letters will be available on the registration system for every attendee.

How to Apply a Chinese Visa

1) An applicant may submit his or her visa application in person or entrust someone (immediate family member/household staff/co-worker) or a travel agency to submit to China's consular office on his or her behalf.
2) No appointment is required.
3) Mail applications will not be accepted.
4) If necessary, the consular officer may require the applicant to provide other proof documents or supplementary materials, or require an interview with the applicant.

Regular processing time for getting a Chinese Visa is 4 business days.

Citizens of Singapore, Brunei and Japan holding ordinary passports may enter China without a visa provided that they come to China for tourism, family visit, business or transit, and intend to stay in China for no more than **15** days. However, the following personnel of these three countries must apply for a visa in advance if: a) They are holders of ordinary passports, and come to China for tourism, family visit or business, and intend to stay in China for more than **15** days; b) They are holders of ordinary passports, and come to China for study, employment, permanent residence or on a news reporting mission.

Appendices 2

General Information

Air

Hangzhou Xiaoshan International Airport is the **3rd** largest international airport in Eastern China and it costs only **20** minutes from the airport to Hangzhou International EXPO center. The airport handles **200** international flights and more than **2800** domestic flights every week with over **160** air routes and **43** airlines from home and abroad.

Hangzhou Transportation Smart Card

Visitors can buy a smart card in Hangzhou. Like the MetroCard in New York City and the Oyster Card in London, the smart card can be used on city-buses, some taxis and other public vehicles. There are two large kinds of smart card in the city, the Xiling Card and the Transportation IC Card. The Xiling Card is a day card for tourists and the Transportation IC Card is for both the citizens and visitors.

Climate

Hangzhou climate is generally warm and mild all year round, with abundant sunshine and rainfall. Usually, in July, Hangzhou has an average high temperature of **32°C** and an average low temperature of **24°C**. Local hotels and the EXPO center are all air-conditioned.

Currency

The Chinese currency is Chinese Yuan (RMB). Foreigners can make currency exchange at all banks and hotels using cash and traveler's cheque. The exchange can also be made by credit card using special ATM machine.

International Union of Pure and Applied Chemistry

General Assembly and World Chemistry Congress 2021 / 2023

JERUSALEM

(Additional Information)

Chemistry of the future at ancient scenery

IUPAC
International Union of Pure and Applied Chemistry

The Israel Chemical Society
החברה הישראלית לכימיה

LETTER OF SUPPORT

ירושלים
לשכת ראש העיר
Office of the Mayor

עיריית ירושלים
Municipality of Jerusalem
بلدية أورشليم القدس

May 8, 2017

Prof. Ehud Keinan, President
The Schulich Faculty of Chemistry
Technion - Israel Institute of Technology
President of the Israel Chemical Society

Dear Professor Keinan,

The City of Jerusalem would be proud to host the IUPAC General Assembly and Congress in Jerusalem in 2021/2023.

Historically, Jerusalem has been and today remains one of the most dynamic and exciting cities in the world. Over four billion people of faith look to Jerusalem for inspiration and long to see its sights, touch its stones, and connect to the cultures and heritages that converge on this unique hilltop.

Over the past few years, Jerusalem has undergone a flourishing renaissance. The city of Jerusalem has become a rising metropolis with growing industries in the health and life sciences, unparalleled tourism and culture, steady economic growth and religious freedom for all residents.

In addition to Jerusalem's many rich historical and cultural sites, our city boasts state-of-the-art sporting facilities, first-class hotel accommodations, international fine cuisine and exciting cultural events year round. Many international conferences are held in Jerusalem, with the most modern conference amenities provided against one of the most magnificent and appealing backdrops in the world.

Participants in IUPAC Congress will certainly travel home with memories that will last a lifetime. The city of Jerusalem looks forward to providing a pleasant, safe and unforgettable stay in our city.

Sincerely,

Nir Barkat
Mayor of Jerusalem

כיכר ספרא 1, ת.ד. 775 ירושלים, 91007, טלפון 02-6297720, פקס' 02-6296014
1 Safra Square, P.O.B 775, Jerusalem, 91007, Israel Tel. 02-6297720 fax. 02-6296014
ميدان سفرا 1، ص.ب. 775 أورشليم القدس، 91007 هاتف: 02-6297720، فاكس: 02-6296014

PROPOSED DATES

48th World Chemistry Congress

August 8-13, 2021

IUPAC 51st General Assembly

August 6-12, 2021

49th World Chemistry Congress

August 6-11, 2023

IUPAC 52nd General Assembly

August 4-10, 2023

*The above proposed dates do not conflict with any major holidays or events

Scientific Chair of the World Chemistry Congress

Prof. Ehud Keinan

Technical Symposia topics

The Congress will adopt the same topics that composed the previous IUPAC congresses with minor modifications that may be suggested by the organizing committee in agreement with the IUPAC Bureau.

Chairs for the Congress

Chairman of the Organizing Committee: Prof. Ehud Keinan

Conveners and Chairpersons of the parallel sessions and all specific events will be nominated as soon as a decision is made by IUPAC.

Young Chemists Programs

We would like to expose young scientists to the opportunity of sharing knowledge, techniques and ideas. Here are some measures to promote participation of young scientists:

- **Dedicated sessions** will be managed during the congress, by **The International Younger Chemists Network (IYCN)**. The program will contain professional lectures and will expose young scientists to the latest innovations.
- **Professional visit to startup companies** in the Jerusalem science district.
- **Special meetings lounge** will be situated during the conference allowing young scientists to meet and exchange knowledge.

REGISTRATION FEE

Type of Register	Early Bird Deadline 1st of April 2021	Regular Registration 1st of April 2021
General Participant	€700	€780
Society Member	€600	€670
Student	€300	€340
IUPAC Guest	€250	€280
IUPAC Member	€300	€340
IUPAC Delegates	€300	€340
IUPAC Affiliates	€600	€670

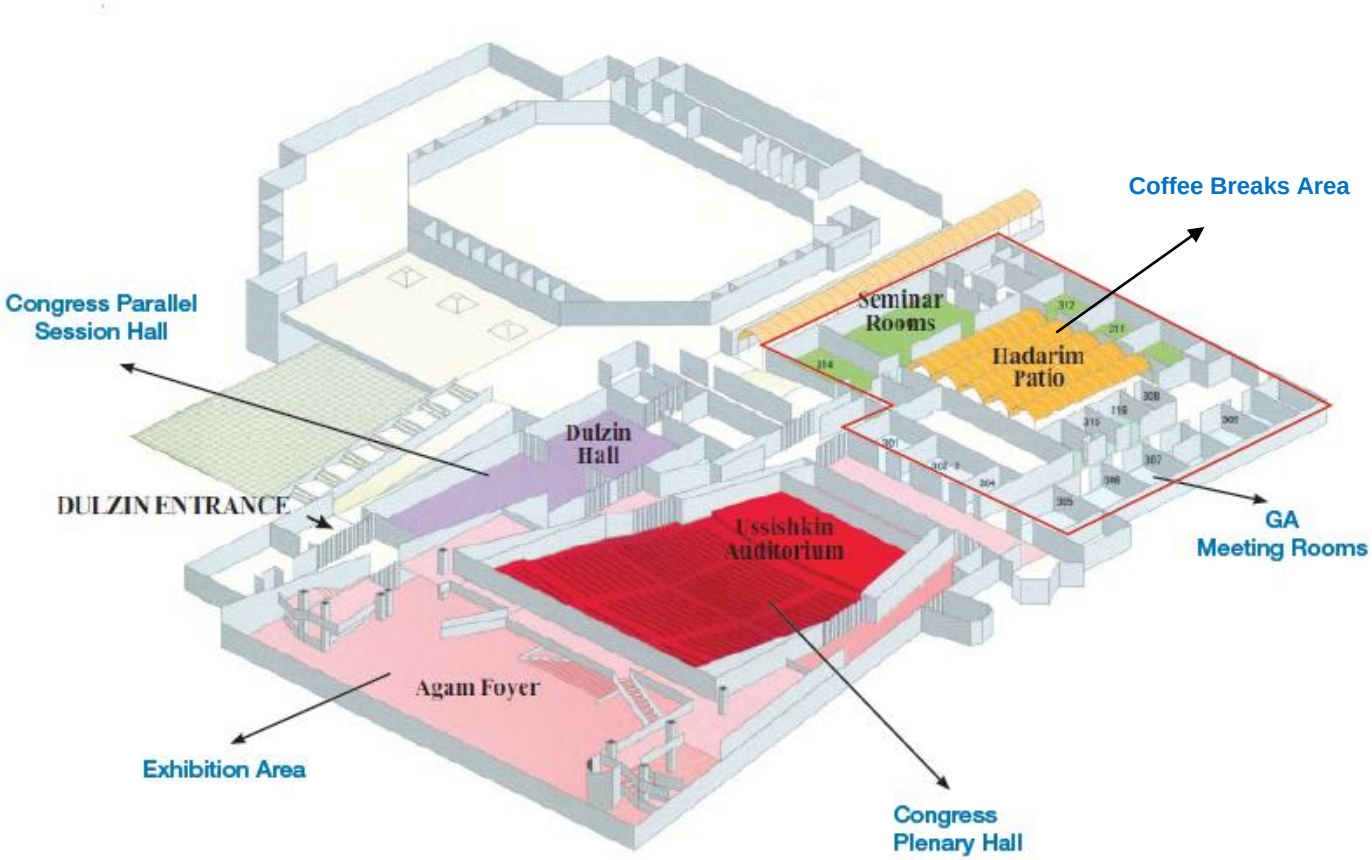
Registration fee includes:

- Attendance to the Congress & Exhibition
- Coffees breaks and Lunches during the Congress
- Opening and Closing Ceremonies
- Welcome Cocktail

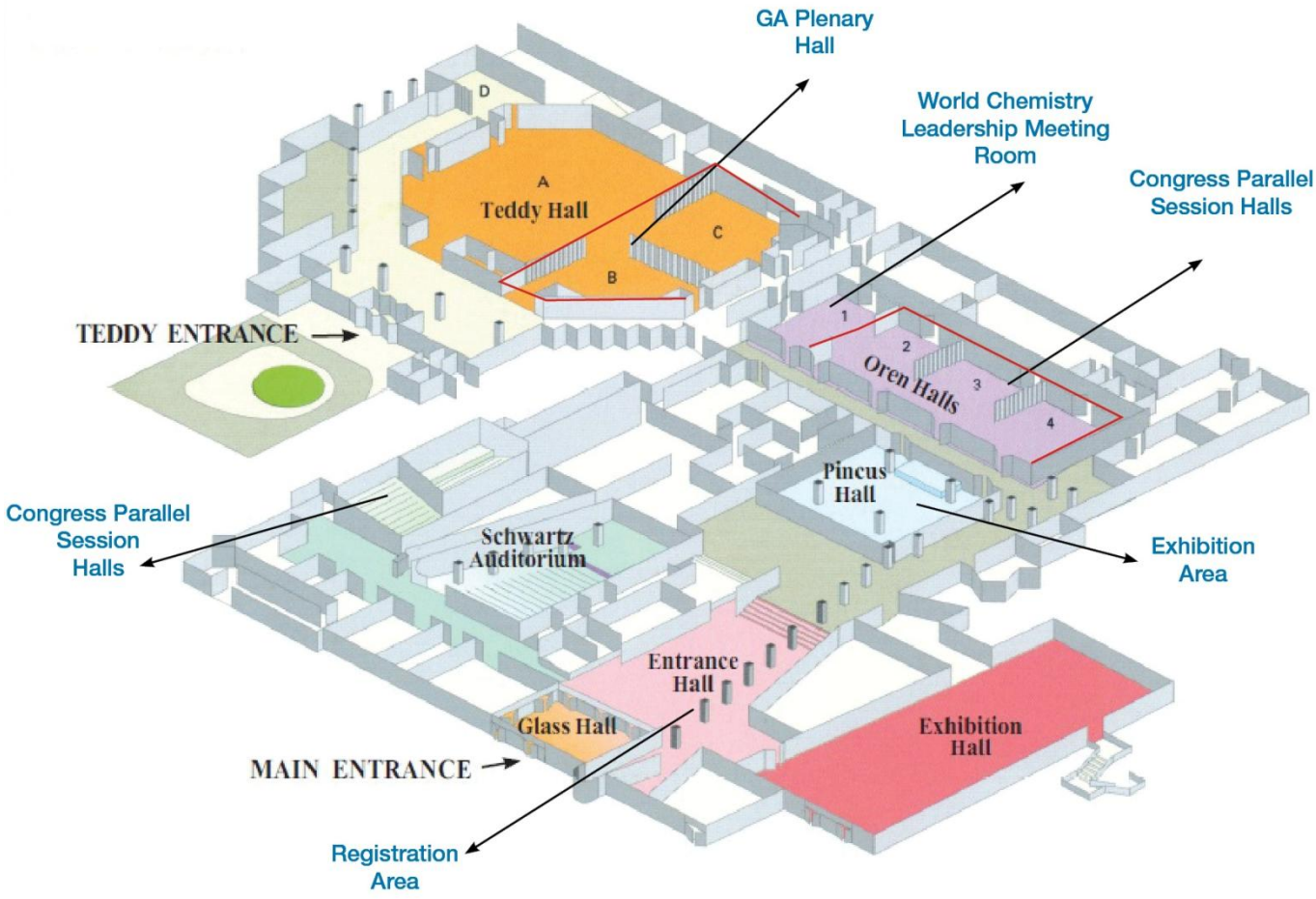
CONFERENCE VENUE

Here are the **new** halls layouts according to the additional requirements:

ICC Upper Level Map



ICC Lower Level Map



GA Meeting Rooms Capacities

Room	Boardroom style capacity	U-shape style capacity
301	20	20
302+303	30	30
305	25	30
306	25	25
307	25	25
309	30	25
310	25	25
311	25	25
312	25	25
313	50	50
314	25	25

*Common area for coffee breaks will be held in Hadarim Patio.

Council Room Capacity

The Council Room will be held in Teddy B+C Hall. The hall will be set for 300 participants at classroom style with observers.

Teddy B hall – 290 sqm.
Teddy C hall – 308 sqm.

Please note: The second day of the GA will be probably held in other location

Poster Sessions

3 poster sessions will be held in the exhibition area. Every session will accommodate 80 poster boards.

Accommodation Rates

In the event we are finalizing and knowing that the conference will take place in Jerusalem, we will of course be happy to negotiate further so we can provide best rates.

Bureau Members Hotel - Crowne Plaza Jerusalem

From its location in Givat Ram, the highest point in the city and **opposite to the International Convention Center (ICC),** the hotel offers a breathtaking view of Jerusalem. The hotel is within walking distance from the Israel Museum, Israel Parliament, the Supreme Court and more. Crowne Plaza Jerusalem Hotel offers **396 rooms**: deluxe, club, suite, a business center, a pool, a luxurious spa, a gym, tennis courts & restaurants.

Prices in Crowne Plaza Jerusalem Hotel are between €175-€196 per room per night including BB.

Bureau Dinner – The Eucalyptus

The Eucalyptus restaurant offers the best mix of tradition, Israeli style and world-class cuisine. The delicious menu offered at the Eucalyptus drawing influences from the Bible, the contemporary Israeli landscape, and the unique mixture of cultures that can only be found in Israel. The restaurant located in the old artist's colony, around the corner from the Jaffa gate entrance to the Old City.

Visa Policies

All visitors to Israel must hold a passport that is valid for at least six months from the date they enter the country. Individuals from countries, who require an entry visa to Israel, should contact the Israel Embassy/Consulate in their country in order to obtain their tourist visa. For a list of Israeli missions abroad, please refer to Israel Ministry of Foreign Affairs site:
http://mfa.gov.il/MFA/ConsularServices/Pages/default.aspx
Letters of invitations will be issued by the local PCO to bona fide participants. Requests should be sent on the official letterhead of the applicants' company/ organization.
Individuals from countries without diplomatic relations with Israel, should write to the local PCO, no later than three months prior to the Conference, giving their full name, date and place of birth, passport number, date of issue and expiry, date of arrival and flight details.
Passports are not stamped upon arrival or departure in any way.

UPDATED BUDGET

The Following estimated budget is in EURO and based on 1€ = 3.9 NIS

IUPAC General Assembly and Congress 2021/2023 - Budget Estimation					
Component	**Rate**	**Quantity**	**Days**	**Total**	**Comments**
Income					
Registration fees					
Average registration fee	€ 500	2,500		€ 1,250,000	
Financial Income & Support					
Sponsorship & Exhibition	€ 100,000	1		€ 100,000	Estimation
Host City Grants - Jerusalem	€ 50,000	1		€ 50,000	Based on minimum 2,000 participants + minimum of 1,500 room nights
Total Income				**€ 1,400,000**	
Expenditure					
Print/ Promotion					
Graphic design (+html invitations)	€ 4,500	1	1	€ 4,500	Estimated price
Conference website design, develop & management	€ 2,000	1	1	€ 2,000	Estimated price
Online Registration System Design & development of a complex registration form, including money collection option	€ 4	2500	1	€ 10,000	
Online Abstract Submission System & management	€ 1,500	1	1	€ 1,500	
Conference Secretariat					
Conference Secretariat including registration, call center and participants assistance, meetings set up, accounting, etc.	€ 4,000	1	1	€ 4,000	Estimated price
Total Pre Conference Arrangements				**€ 22,000**	
Onsite Registration					
Registration Stands price per stand for all conference days	€ 400	7	1	€ 2,800	Each stand holds 2 registration stand points
Registration Stand Points Each stand point includes professional registration hostess, computer and printer	€ 7,500	1	1	€ 7,500	**Day 1**: 16 Registration stand points. **Day 2**: 8 Registration stand points **Day 3-5**: 4 Registration stand points
Name tags	€ 2.50	2,500	1	€ 6,250	
Pocket program	€ 1,200	1	1	€ 1,200	2,000 units

Conference Facilities - ICC Jerusalem+Notre Damm					
Halls set up fee	€ 15,500	1	1	€ 15,500	Set up fee for all conference session halls (day 1)
Halls rental fee	€ 338,000	1	1	€ 338,000	Plenary hall + Session Halls\ Meeting rooms for sessions, price for all conf. days & GA
F&B					
General Assembly					
Running hot and cold drinks. Price per person per conference day (ND)	€ 11	300	1	€ 3,300	
Lunch for Council delegates, Price per person per conference day (ND)	€ 15	200	1	€ 3,000	
Running hot and cold drinks. Price per person per conference day (ICC)	€ 11	300	2	€ 6,600	
Lunch for Council delegates, Price per person per conference day (ICC)	€ 15	200	2	€ 6,000	
Onsite Security 15 security guards, price per day	€ 4,500	1	5	€ 22,500	
Congress					
F&B Seminar package includes 2 coffee & cake breaks, lunch box, running hot and cold drinks. Price per person per conference day	€ 31	2,500	4	€ 310,000	
Coffee & cake break for the last day	€ 11	2,500	1	€ 27,500	
Branding and Signage					
Signage & convention halls decor	€ 22,000	1	1	€ 22,000	Estimated price
Exhibition					
Poster Boards double sided boards that hold up to 400 posters	€ 50	200	1	€ 10,000	Estimated Price
Sponsorship Marketing & Sales expenses	€ 5,000	1	1	€ 5,000	Estimated price
AV and technical equipment					
General Assembly					
Main auditorium + Session halls A/V package: Audio, Projection, Lights, technician	€ 25,000	1	1	€ 25,000	Including all the above halls for 3 days
Technicians: set up fee (6 technicians x 3 sections)	€ 280	18	1	€ 5,040	
Congress					
Main auditorium + Session halls A/V package: Audio, Projection, Lights, technician	€ 80,000	1	1	€ 80,000	including all 5 conf. days as per sheet

Staff and personnel					
Hostesses price per hostess per day for 8-10 hours	€ 200	12	5	€ 12,000	Conference days
Hostesses price per hostess per day for 8-10 hours	€ 200	5	3	€ 3,000	GA days
Engineers licensing + Safety plan	€ 1,000	1	1	€ 1,000	
Technical Manager to support onsite team	€ 400	1	5	€ 2,000	
PCO onsite team including accommodation & perdiem	€ 4,000	1	1	€ 4,000	3 double rooms for 7 nights & perdiem for 7 days
Total Onsite Arrangements				**€ 919,190**	
Welcome Cocktail at ICC					
Food & Beverages welcome reception finger food including soft drinks, wine & beer, price per person	€ 33	2000	1	€ 66,000	Based on 2,000 participants
Entertainment Live Music band/ Playback music. DJ	€ 3,000	1	1	€ 3,000	
Audio and lighting package	€ 2,000	1	1	€ 2,000	
Gala Dinner at the Israel Museum					
Venue Rental Fee including set up	€ 30,000	1	1	€ 30,000	
Food & Beverages Gala Dinner will include cocktail reception at the Shrine of the book area and sit down dinner in the Museum Sculpture Garden, Menu includes soft & hot drinks, red/ white local wine	€ 100	1000	1	€ 100,000	including welcome reception and dinner around tables
Furniture Bar table for the cocktail, round/ square tables for dinner, price includes transportation & arrangement	€ 10	1000	1	€ 10,000	
Entertainment The Hebrews performance including Amplifying and lighting system	€ 7,000	1	1	€ 7,000	
Stage set up, 24 sqr. M. stage covered with carpet + Safety engineer license	€ 1,300	1	1	€ 1,300	Estimated price
Onsite Design signage, flags, table center piece etc.	€ 7,000	1	1	€ 7,000	
Transportation price per bus for transfers to the Gala dinner venue	€ 220	15	1	€ 3,300	Each bus holds 50 pax. Based on 800 participants
Bureau Dinner - The Eucalyptus Restaurant					
Food & Beverages will include sit down dinner, Menu includes soft & hot drinks, red/ white local wine	€ 55	40	1	€ 2,200	
Transportation price per bus for transfers to the Bureau dinner venue	€ 220	1	1	€ 220	

Total Social Events				**€ 232,020**	
Miscellaneous					
Photographers Stills & video	€ 700	1	5	€ 3,500	1 Stills & 1 video per day
Unexpected & Transportation expenses	€ 3,700	1	1	€ 3,700	Estimated
Credit card fees - 1.5%-2%	€ 10,000	1	1	€ 10,000	Estimated
Site inspection & Preparation tours	€ 8,000	1	1	€ 8,000	
PCO Management Fee including Project Manager to work with you during preparation and onsite during conference days will be based on 7% from congress expenses budget	€ 75,000	1	1	€ 75,000	
Miscellaneous				**€ 100,200**	
Total Expenses				**€ 1,273,410**	
Balance				**€ 126,590**	

Notes
Rates do not include VAT
Rates are based on € 1 = 3.9 NIS
All the above are 2017 rates

Looking forward to hosting the World Chemistry Congress 2021 / 2023 in Jerusalem

International Union of Pure and Applied Chemistry

General Assembly and World Chemistry Congress 2021 / 2023

Jerusalem

IUPAC International Union of Pure and Applied Chemistry

The Israel Chemical Society החברה הישראלית לכימיה

Dr. Lynn Soby
Executive Director
IUPAC, Research Triangle Park
NC 27709-3757, USA

Candidacy to host the 2021/2023 IUPAC General Assembly and World Chemistry Congress

Dear Dr. Soby,

On behalf of the Israel Chemical Society it is my honor to submit our official proposal to host the World Chemistry Congress 2021/2023 in Jerusalem.

Jerusalem is one of the most fascinating cities in the world, offering a unique combination of ancient history, spiritual sanctity and colorful cultures providing an extraordinary location for what promises to be an exciting and memorable World Chemistry Congress. The city's unique cultural and historic atmosphere will certainly encourage networking and friendship among all participants.

We trust that the scientific level of the program and the extraordinary location will stimulate many to actively participate in the meeting. The venue, the International Convention Centre, ICC, is located in the heart of the city's business and cultural center, allowing easy access to various hotels as well as municipal, domestic and international transportation networks.

The Israel Chemical Society looks forward to welcoming all IUPAC members in Jerusalem in 2021/2023.

Sincerely yours,

Ehud Keinan

Professor Ehud Keinan

President, ICS

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EXECUTIVE SUMMARY

IUPAC MEMBER
Professor Ehud Keinan

Institution
Israel Chemical Society - ICS

Expected Participants
2,500 - 3,000 people

Host City & Venue
Jerusalem, one of the oldest and most important cities in the world, is an ideal city for conducting varied and dynamic international conferences.
The city is only a 40 minute drive from Israel's international airport and transportation within the city is convenient either by public buses or trams, taxi or conference shuttles. Jerusalem is exceptionally visitor-friendly with a vibrant culture and nightlife, gastronomic experience, stylish boutiques, the unique market "Machne Yehuda" and 10,000 hotel rooms.

ICC Jerusalem, the largest leading international convention center in the city, offers numerous halls that can be partitioned according to the conference needs. The exhibition and conference floor halls can accommodate up to 10,000 delegates simultaneously. Technical and A/V provides equipment that is state of the art as well as a variety of food and beverages offered during the conference days and evening events.

World Chemistry Congress in JERUSALEM
Jerusalem had the honor of hosting an IUPAC conference once before; the 25th International Congress of Pure and Applied Chemistry, which took place in Jerusalem in 1975, was a big success and attended by more than 3000 participants from all over the world.

We welcome you all, once again, to join a unique, professional and exciting conference in Jerusalem, Israel; a country that can pride itself on having no less than six Noble Prize Laureates in Chemistry, and holds an enthusiastic desire to a creative future for chemistry as a means for a better understanding of the world.

By providing a sufficient and interesting scientific program, combined with a professional exhibition, a highly competent organization, well-chosen food & beverage during conference breaks, and social events to remember, we believe that WCC 2021/2023 in Jerusalem will be a Lifetime Experience to all participants.

BACKGROUND

THE ISRAEL CHEMICAL SOCIETY

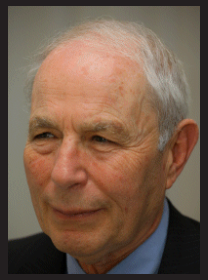
Chemistry has always been a prominent area of scientific and technological excellence in the State of Israel. The chemical industry has contributed significantly to the national economy, with chemical products constituting about 40% to the industrial output and over 25% of the country's exports. Two out of the 10 State Presidents were scientists, and professors Chaim Weizmann (Israel's first President), and Ephraim Katzir, (Israel's fourth President), were chemists.

The ICS, founded in 1933, is a non-profit organization that aims at the promotion of chemical research and development, chemical industry and chemical teaching, as reflected by its diverse membership, including academic faculty members and students, industrial chemists, chemical engineers and chemistry teachers.

The overarching goals of the ICS are to increase the interest of young people in chemistry and chemical education in order to ensure that first-rate minds continue to be attracted to and challenged by the central science. The ICS wishes to increase the public appreciation and awareness of chemistry, emphasize the essential role of chemistry in molecular medicine, in creating new materials and in developing sustainable sources of food and energy. The ICS desires to convey the enthusiasm for the creative future of chemistry for better understanding of our world, for the discovery of exciting new principles and for the development of novel applications of these new concepts. The ICS members believe that chemists will continue to play an essential role in overcoming the challenges facing our world, in advancing human knowledge, in boosting the economic progress and in fostering a wholesome environment.

In 2004 the entire scientific community, as well as the general public in the State of Israel, celebrated the first Nobel Prize in Science awarded to Israeli citizens. At the time no one could anticipate that in less than a decade the number of Israeli Nobel Prize Laureates in Science would rise to six, or expect that all six would win the Nobel Prize in Chemistry! Indeed, it has been an exciting decade for The Israel Chemical Society. The multiple Nobel Prizes have had an enormous impact on the public, with new streets in Israeli cities being named after these Laureates, and increasing numbers of young Israelis being attracted to science and particularly to chemistry. This decade has also witnessed the fruitful collaboration between the ICS and the Israel Philatelic Service, yielding already four Chemistry stamps, commemorating the achievements of Avram Hershko, Aaron Ciechanover, Ada Yonath, Dan Shechtman, Michael Levitt and Arieh Warshel.

Israeli Nobel Prizes in Chemistry



Avram Hershko
2004

Aaron Ciechanover
2004

Ada Yonath
2009

Dan Shechtman
2011

Michael Levitt
2013

Arieh Warshel
2013

National Pride

In 2004 the entire scientific community, as well as the general public in the State of Israel, celebrated the first Nobel Prize in Science awarded to Israeli citizens. At the time no one could anticipate that in less than a decade the number of Israeli Nobel Prize Laureates in Science would rise to six, or expect that all six would win the Nobel Prize in Chemistry! Indeed, it has been an exciting decade for The Israel Chemical Society. The multiple Nobel Prizes have had an enormous impact on the public, with new streets in Israeli cities being named after these Laureates, and increasing numbers of young Israelis being attracted to science and particularly to chemistry. This decade has also witnessed the fruitful collaboration between the ICS and the Israel Philatelic Service, yielding already four Chemistry stamps and we hope for more...

In 2015 we celebrate the International Year of Light, amazed by how light-based technologies have been promoting sustainable development and solving worldwide challenges. Light is all about chemistry. We use chemical technologies to convert electricity, heat and chemical reactions to light and use it in communication, electronics, materials, photography, medicine and entertainment. All lighting devices, including tungsten and fluorescent lamps, lasers, light-emitting diodes and chemiluminescence, are based on chemistry. Lasers are broadly used in communications, digital technology and for a variety of applications, ranging from precision cutting of metals to medical surgery. Photochemical polymerization produces plastics, dental glues and photo-curing paints. Photodynamic therapy represents a major weapon to fight cancer. Chemistry helps save energy, helps harvest sunlight with solar cells and artificial photosynthesis and helps generate hydrogen, which is the cleanest possible fuel, by catalytic water splitting. All Israeli chemists, chemical engineers and chemistry teachers share the excitement and pride of being members of the Israeli chemistry community.

Ehud Keinan

Prof. Ehud Keinan
President, the Israel Chemical Society

COMMITTEE MEMBERS

Local Organizing Committee:

Prof. Ehud Keinan, Technion

Prof. Lia Addadi, Weizmann Institute of Science

Prof. Yitzhak Apeloig, Technion

Prof. Yoram Cohen, Tel Aviv University

Prof. Ronnie Kosloff, Hebrew University

Prof. Ilan Marek, Technion

Prof. David Milstein, Weizmann Institute of Science

Prof. Avraham Nitzan, Tel Aviv University

Prof. Sason Shaik, Hebrew University

Prof. Reshef Tenne, Weizmann Institute of Science

Prof. Ira Weinstock, Ben-Gurion University of the Negev

Prof. Itamar Willner, Hebrew University

Prof. Arie Zaban, Bar-Ilan University

ISRAEL
Land of Creation

Land of Creation

Lush green valleys and golden deserts; winter snow-capped mountains and sun-washed coral beaches; breathtaking landscapes and stunning seas, fashionable shopping centers and buzzing oriental bazaars. Israel is 21,000 square kilometers of sheer fascination, rich in the treasures and traditions of bygone ages.

History, religion, archaeology - Israel cannot fail to impress even experienced travelers, whatever their interests may be, capturing their imagination and widening their interest, involvement and affinity for the land. But for all of its past glory, Israel is also attuned to the tempo and interests of modern life, with a tourism infrastructure well prepared to meet the challenges of the contemporary world and professional tourism itineraries in fields as diverse as agriculture, hi-tech and ecology.

Israel's history spans more than 5,000 years; Yet even though the roots of Israel are deeply embedded in a heritage going back many millennia, the country itself is very much geared to the vigor of modern-day living.

This is a State that was reborn in 1948, and since then, the pioneering spirit of its people has created a nation, which is in the forefront of wide-ranging fields of science, technology and culture. The State of Israel regards scientific research, both in the academic and the industrial perspectives, as its main natural resource.

There are seven world-wide renowned research universities in Israel and dozens of colleges. The Hi-Tech industry drives Israel's economy. Many large international firms have established research and development centers in Israel.

Climate

August is summer time in Israel and the weather is comfortable and sunny.
Average temperatures are between 27 - 32 °C.

HOST CITY

Why Jerusalem?

Jerusalem has something for everyone; it is an ideal city for conducting varied and dynamic international conferences, throughout the year.
The city is steeped in history, packed with nonstop cultural events, and home to some of the world's most prestigious medical, research, academic, hi-tech, tourism and historical institutions.

With a history that dates back more than 5,000 years, Jerusalem is one of the oldest and most important cities in the world. The nature of the city is a colorful array of cultures, languages and faiths, all under the same roof, which attracts a large number of international visitors all year round. No guest is left unaffected by the powerful energy of the city.

Jerusalem as a whole has progressively experienced quite a cultural awakening in the past decade, and its modern city center is now home for many renowned galleries, shops and inspiring museums - not to mention world-class dance and theater companies, music and film festivals, as well as a host of annual events.

Jerusalem is an exceptionally visitor-friendly, with **10,000 hotel rooms** the city provide options for everyone - from contemporary, stylish boutique hotels to professional conference locations. **Jerusalem's light rail system** provides easy accessibility to anywhere in the city and most of the cultural and historical sites are accessible easily by foot; perfect for participants on a tight schedule seeking to fit in as much as possible during their breaks.

The city's rich past and modern elegance is a magnet for visitors searching for a meaningful experience in conjunction with any association event. Where else can you hold a scientific/ business meeting with a backdrop of an ancient fortress or hold a gala event in a 3,000-year-old cave?

The Old City's Quarters

The quarters are divided into 3, the Jewish, the Christian and the Muslim. While walking down the marbled streets one can really feel the tide of history.

The Jewish Quarter has been rebuilt since 1967, and many archaeological sites have been unearthed there - some of which are on public display. No visit to the Jewish Quarter is complete without a tour of the 2000-year-old Western Wall Tunnels, a subterranean wonder winding through ancient aqueducts and quarries leading from the Western Wall to the Via Dolorosa.

The Christian Quarter is based around the Church of the Holy Sepulchre. The church is one of the final five stations of the Via Dolorosa, including the traditional site of Jesus' burial - a place revered as the most holy spot in the world by many Christians. As a city holy to the Christian faith, Jerusalem can be proud of its many other historically significant churches too. In addition, many monasteries are scattered around the city.

The Muslim Quarter is situated in the northeastern section of the Old City, where the Dome of the Rock is located. According to Muslim tradition, the footprint of the Prophet Mohammed is embedded in a rock standing at the centre of the mosque. Nearby is the Al-Aksa Mosque, found on the farthest spot from Mecca that the Prophet reached. To this very day the Muslim Quarter maintains its historical character and ambiance, and one of the focal points of its daily life is its Ottoman-style marketplace - one of Jerusalem's absolute musts for any serious shopper.

Culture Festivals & Nightlife

For all of its historical and religious magnificence, Jerusalem is a very modern city as well. Alongside ancient sites, monuments and a modern seat of government, a wide range of cultural districts have sprung up, and so have contemporary shopping centers and attractive entertainment and nightlife spots. In addition, the city hosts a growing number of annual festivals of both international and local nature.

Jerusalem nightlife is an experience of a different sort. Its nightspots are great places to mingle, strike up chance conversations and learn about the city and its people in surprising ways. Excellent pubs, dance bars, discos and similar venues operate in Jerusalem all through the week.

Sites

There are number of sites in Jerusalem which tourists, no matter their personal interests, will not want to miss. **The Israel Museum** is the country's largest museum and fills the role of a national museum.

The Dead Sea Scrolls from the caves in Qumeran, housed in the **Shrine of the Book**, may be the most famous of the museum's holdings. A few of the many other options include a Van Gogh or a Matisse, following the Jewish life cycle in communities all over the world, investigating the archaeology of Israel, or strolling amongst 19th and 20th century masterpieces of sculpture in the sculpture garden.

The Museum of the History of Jerusalem, located at the 2000-year-old Citadel, David's Tower, at the Jaffa Gate entrance to the Old City, is another Jerusalem landmark that should be visited. Situated in a building hundreds of years old, it features permanent exhibits and changing exhibitions spotlighting the history of Jerusalem over the centuries.

One of the more interesting attractions at the **Tower of David Museum** is its night spectacular - a computerized, multi-sensual state-of-the-art production based on 14 projectors that flash the history of the city off the walls of the Citadel's inner courtyard.

Other significant Jerusalem landmarks are; The **Mahane Yehuda market**, which has started to serve as a focus for nightlife, culinary tours and events; **Nahalat Shivah**, Western Jerusalem's first neighborhood established in the late 19th century and recently renovated; **Armon Hanatziv Promenade**, offering a brilliant view of both East and West Jerusalem, and the Hebrew University campuses at Givat Ram which is also home of Israel's National Library.

City Proposal

The city of Jerusalem is willing to assist IUPAC with the following incentives:

Jerusalem Development Authority Special Grants

The Jerusalem Development Authority encourages associations and international conference organizers to host their events in Jerusalem. The JDA offers special grants for conferences, the amount of grants offered are approximately €50,000 for a meeting of 1500 - 3,000 participants.

Marketing & Promoting

Provide marketing collateral and unique giveaways to promote WCC 2021 during WCC 2019 taking place in Paris.

Welcome the WCC attendees, by advertising signs in the city during the conference, including street banners & airport graphics.

Welcome Reception Sponsorship

The WCC 2021/2023 Welcome Reception will be sponsored by The Municipality of Jerusalem / The Israel Ministry of Tourism.

Conference Statistics in Israel & Jerusalem, 2015

170

International conferences held in Israel

54

International conferences held in Jerusalem

34,000

Overall participants from abroad

15,000

Participants from abroad took part in the conferences held in Jerusalem

61

Conferences from the Science and Technologies field held in Israel

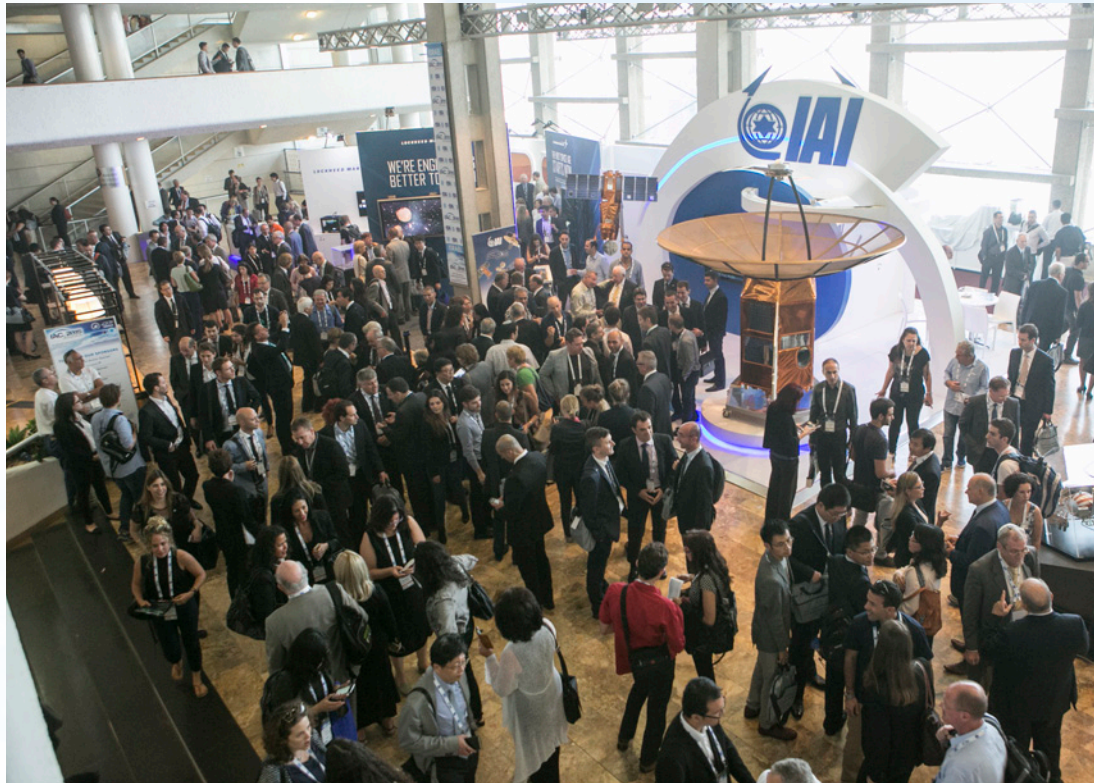
12,000

Participants from abroad took part in the Science and Technologies conferences

Conference Venue

ירושלים JERUSALEM اورشليم القدس

ICC JERUSALEM

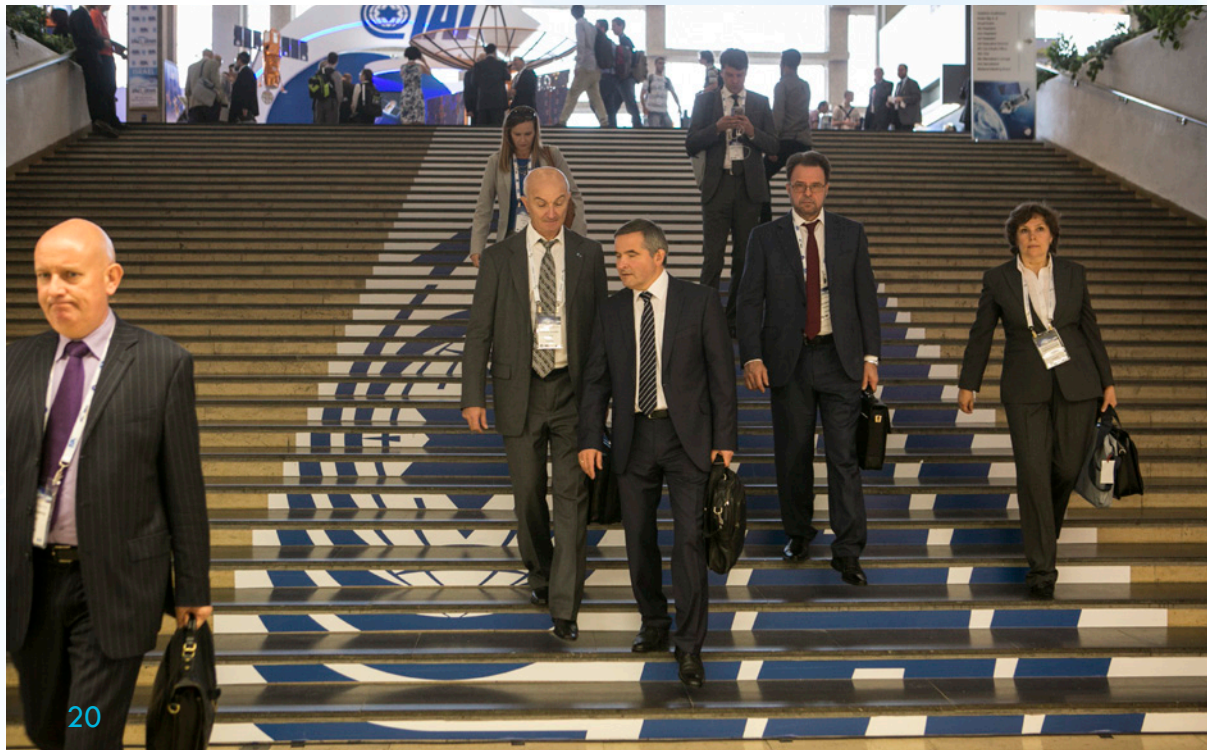


The Jerusalem International Convention Center (ICC)

ICC is the largest leading conference center in Israel.

The center's broad open spaces and its numerous halls can be partitioned according to conference needs; a flexibility which provides an ideal solution to a wide variety of events. The exhibition and conference hall floors can accommodate up to 10,000 people and can, simultaneously, host smaller events of tens or hundreds of participants in a comfortable and more intimate setting.

The ICC is located at the entrance to Jerusalem, 40 minutes' drive from Ben Gurion international Airport.

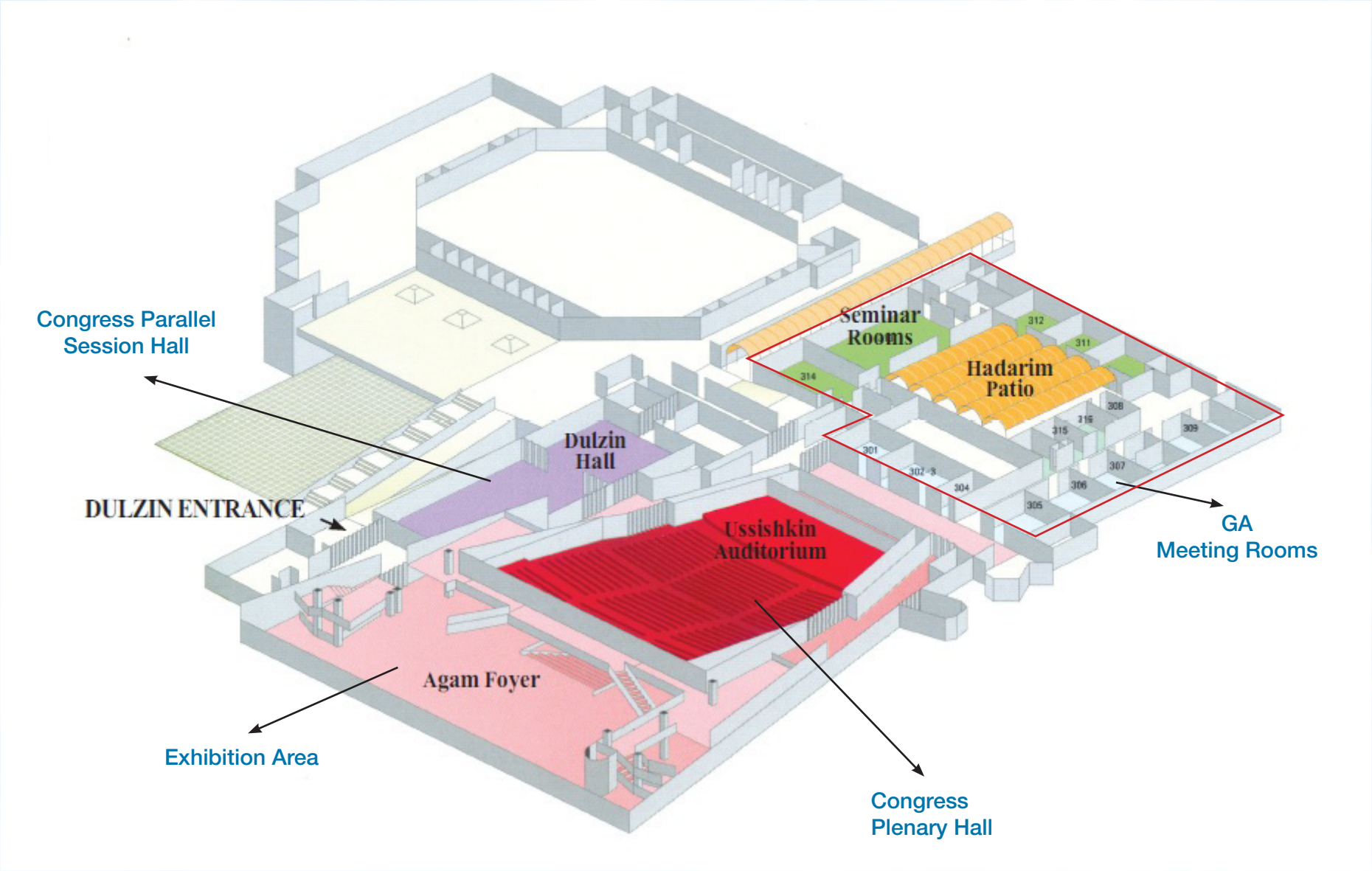


Hall Capacities

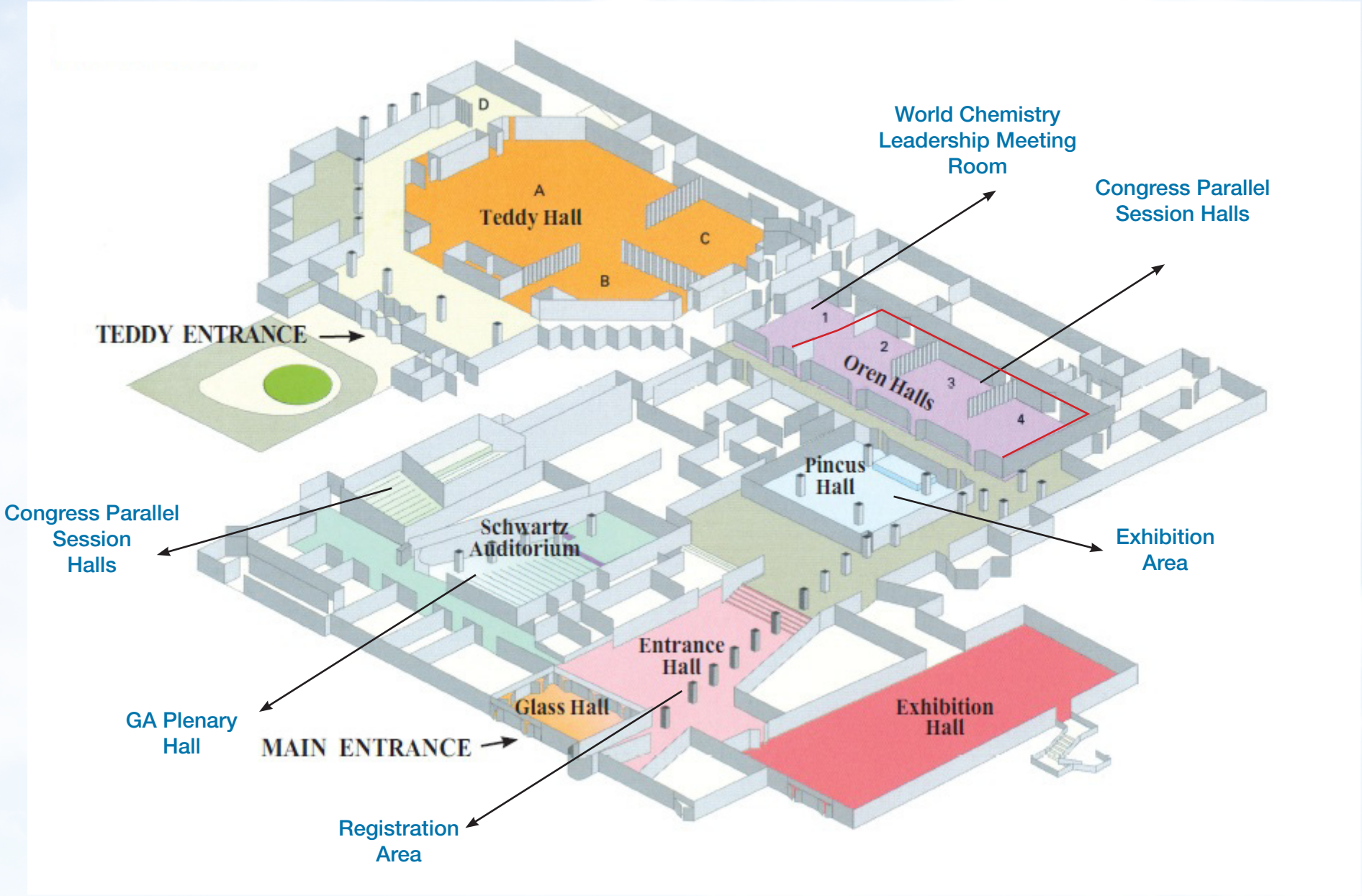
The table below shows some of the main halls and lounges and their capacities to host the World Chemistry Congress. The halls features theater style.

Hall Name	Capacity	Size
Ussishkin Auditorium - Main auditorium	2,998 delegates	
The Glass Foyer		343 Sq. m
Pincus Hall + Foyer		850 Sq. m
Entrance Lobby		550 Sq. m
Exhibitions Hall		1,000 Sq. m
Agam Foyer		1,140 Sq. m
Dulzin Hall (AB)	750 delegates	615 Sq. m
Oranim Foyer		435 Sq. m
Teddy Hall (ABC)	1,800 delegates all together	1,333 Sq. m
Teddy Lounge	1,000 delegates	1,100 Sq. m
Oranim Halls (1,2,3,4)	800 delegates all together	750 Sq. m
Schwartz Auditorium	390 delegates	
Eshkol Auditorium 1	118 delegates	
Eshkol Auditorium 2	226 delegates	
Eshkol Auditorium 3	127 delegates	
Hadarim Patio	300 delegates	323 Sq. m
14 Seminars Rooms	60-100 delegates each	

ICC Upper Level Map



ICC Lower Level Map



ACCOMMODATION

CONFERENCE HOTELS

Crowne Plaza Hotel - Congress Hotel

From its location in Givat Ram, the highest point in the city and opposite to the International Convention Center (ICC), the hotel offers a breathtaking view of Jerusalem. The hotel is within walking distance from the Israel Museum, Israel Parliament, the Supreme Court and more.
Crowne Plaza Jerusalem Hotel offers **396 rooms**: deluxe, club, suite, a business center, a pool, a luxurious spa, a gym, tennis courts & restaurants.

100 m from Congress Venue.

Ramada Hotel

The Ramada Jerusalem Hotel is located to the entrance of the city, on the main artery leading to all parts of Jerusalem. The Hotel is close to the International Convention Center (ICC), Israel Museum, Bible lands Museum, the Science Museum, the Central Bus Station, Israel Parliament and other places of interest. The hotel has **650 rooms** including royal and presidential suites as well as a variety of other suites.

1.7 km from Congress Venue.

Jerusalem Gate Hotel

The Jerusalem Gate Hotel is located at the city entrance.
The hotel conceptualizes everything that a Jerusalem hotel is and has in the Holy City: It embodies a spirit of health, high standards of service, accessibility to any part of the city and to ICC. The Jerusalem gate hotel has **298 rooms**, event halls & shopping mall. 500 m from Congress Venue.

Jerusalem Gold Hotel

The Jerusalem Gold Hotel is located at the gateway to Jerusalem, touching the heart of the city center.
The hotel stands across from the Israel International Convention Center (ICC).
The Jerusalem Gold has **196 elegant guestrooms including 24 suites**.

250 m from Congress Venue.

Inbal Jerusalem Hotel

Ideally set overlooking Jerusalem's Liberty Bell Park and the old city, the Inbal hotel is one of the finest and most Luxurious Jerusalem hotels, combining a sophisticated elegance with warmth and comfort.

The hotel offers an open doorway to the city's grand culture tradition and history. The hotel features **289 luxury rooms** and suits.

Leonardo Jerusalem Hotel

The Leonardo Jerusalem is located in central Jerusalem.
Famous sights and cultural attractions such as the Via Dolorosa, the Western Wall and the Old City are located close by.

The Hotel features **397 rooms**, all of which are spacious and comfortable. The hotel offers 15 junior suites, two executive rooms and one presidential suite.

David Citadel Hotel

Standing directly opposite Jerusalem's Old City walls, the David Citadel hotel enjoys a stunning location in the city. The timeless alleyways of the Old City, the Western Wall and Tower of David, the bustling Machne Yehuda market, the Mamilla Avenue and an abundance of New City attractions are all within easy walking distance from this landmark hotel in Jerusalem. The hotel features **385 luxuriously rooms**.

MamillaHotel

Located in the heart of the city, alongside Jerusalem's new shopping and entertainment experience the Alrov Mamilla Avenue, with its magnificent views of the Old City walls, the Tower of David and Jaffa Gate, Mamilla Hotel in Jerusalem is ushering in a new era of luxury lifestyle hospitality.
The hotel features **194 rooms**.

King David Hotel

The King David Hotel is unquestionably the most famous of all Jerusalem hotels. Superbly located on an elevated site, the King David Hotel Jerusalem offers incomparable views of the walls, minarets and domes of the Old City.

The hotel offers **233 guest rooms and suites**,

Dan Jerusalem Hotel

The Dan Jerusalem Hotel sits on the historic slopes of Mount Scopus, overlooking the romantic skyline of Jerusalem and surrounded by the rolling hills of Judea.

The hotel offers more than **500 guest rooms and suites**.

Prima Park Hotel

Conveniently located at Jerusalem's entrance, Hotel Prima Park Jerusalem is an ideal starting point for touring and exploring Jerusalem sites, surroundings and superb wineries, whether on leisure, excursions or business.

The hotel offers **217 designed room**.

Grand Court Hotel

The hotel is located in the city center, just a short walk from the Old City, abundant in important holy sites, colorful markets, and notable historical and cultural attractions.

The Grand Court is a large hotel featuring **442 luxurious rooms.**

Accommodation Rates

Jerusalem offers numerous hotels from 5* deluxe hotels to lower cost hotels. The following rates are per room, per night, and include full Israeli breakfast.

Hotel Category	Hotel	Single room	Double room	Reserved rooms
Conference Hotel	**Crowne Plaza**	€ 175	€ 196	250
5* hotels	**King David**	€ 397	€ 424	30
	The David Citadel	€ 377	€ 393	150
	Mamilla	€ 377	€ 393	150
	Inbal Jerusalem	€ 258	€ 274	150
	Leonardo Plaza	€ 223	€ 248	125
	Dan Panorama	€ 192	€ 213	30
	Dan Jerusalem	€ 146	€ 165	100
4* hotels	**Ramada**	€ 186	€ 196	250
	Prima Kings	€ 186	€ 196	40
	Prima Royal	€ 176	€ 186	30
	Dan Boutique	€ 167	€ 178	25
	Olive Tree	€ 155	€ 165	150
	Leonardo Jerusalem	€ 149	€ 165	300
	Prima Park	€ 147	€ 155	80
	Jerusalem Gardens	€ 140	€ 155	80
	Grand Court	€ 132	€ 155	250
3* hotels	**Jerusalem Gold**	€ 121	€ 134	60
	Jerusalem Gate	€ 99	€ 110	100
Low Cost Accommodation	**Rimonim Shalom**	€95	€110	150
	Eden Jerusalem	€87	€87	20
	Itzhak Rabin (Youth Hostel)*	€63	€85	75
	The Hebrew University - Students Dorms**	€88	€110	30
Total Rooms				**2,625**

Rates are based on$1=€0.94 or €1=4.00 NIS

*** Room capacity is up to 5 guests**

**** Rates are for room only**

***** All of the above are 2017 rates**

Accommodation's Distance

TRANSPORT & ACCESSIBILITY

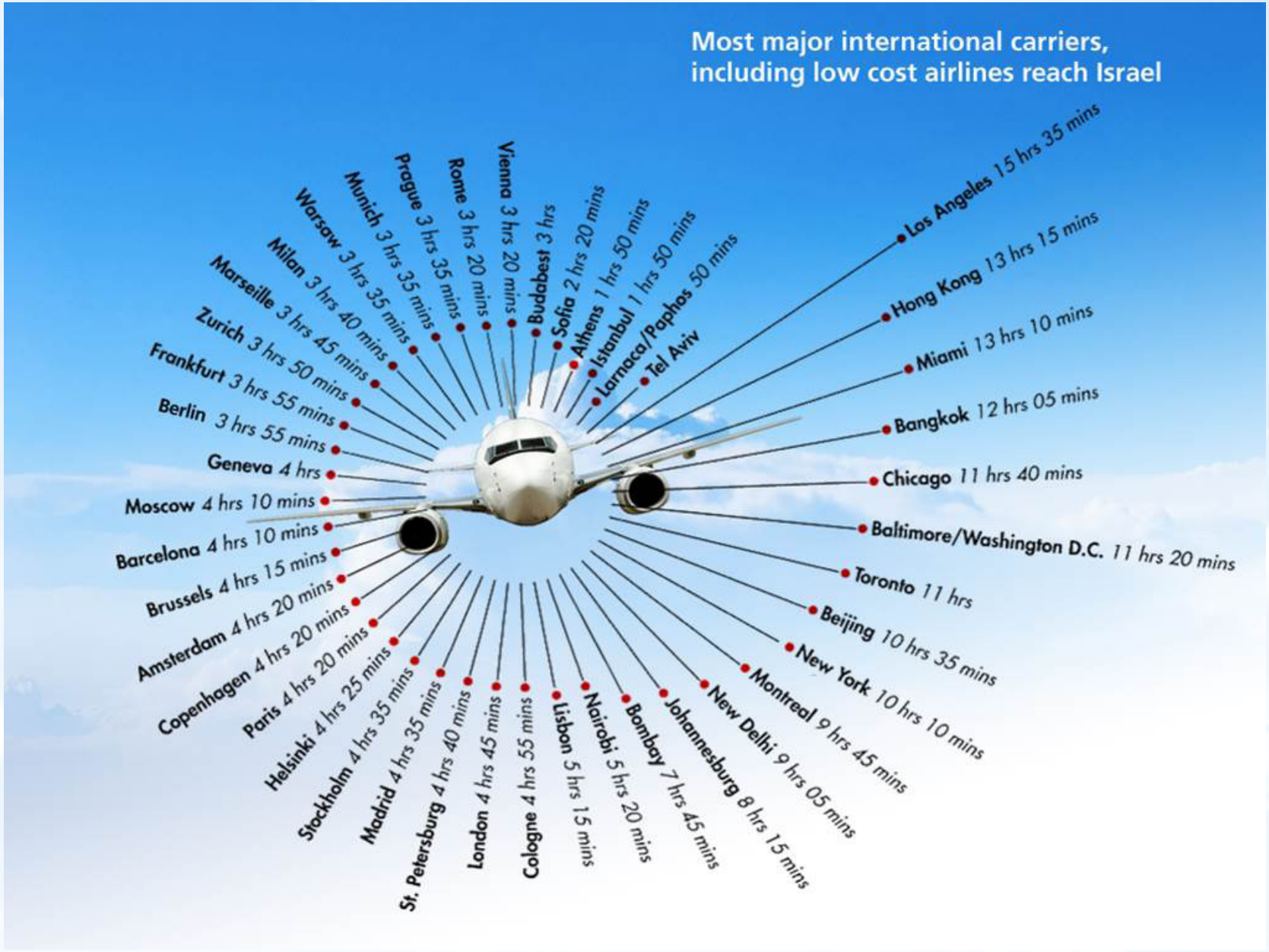
Average Flying Time to ISRAEL

Israel is centrally located, where Europe, Asia and Africa meet, and is easy to reach from all over the world.

Ben Gurion International Airport

Ben Gurion International Airport is the main gateway for international passengers arriving to Israel and is known to be the safest and most secured airport in the world. This is an ultra modern airport that was built to service around 16 million passengers a year.

Most of the major international carriers fly to Ben Gurion Airport. The airport has easy access to public and private transportation and is **only 40 minutes' drive from Jerusalem. During 2017, an express train will be completed and will connect Jerusalem and Tel-Aviv, as well as Ben Gurion International Airport and Jerusalem.**



Airport services

Upon arrival, the passenger will be personally greeted by a professional driver holding a personalized name card with the passenger's or groups name. This warm greeting will surely make the arriving guests feel welcome and at ease within immediately after landing in Israel.

V.I.P services - When exiting the airplane, the passenger will be contacted and escorted by a special V.I.P host who will assist in rapidly caring for all airport procedures. With this service available, the V.I.P will not have to stand in crowded lines, pick up belongings around the baggage carousel or get lost in the swarm of people in customs.

Public Transportation in Jerusalem

In terms of public transportation, Jerusalem has a network of buses and a light rail system that connects one end of the city to the other. Trams arrive every 7 minutes at peak times and 15 minutes off-peak.

Conference Shuttles

Daily Conference Shuttle service will take place morning and afternoon from the hotels to the convention center and back, as well as to & from the social events, using luxury, air conditioned buses. Each bus holds approx. 53 seats.

City Card - New

Integrated Benefits Card, the card allows tourists to enjoy discounts and easy use of public transportation together with exclusive discounts for cultural sites, entertainment and restaurants in Jerusalem. The card works with the "Take your best" principle and combines significant discounts including free entrance to one of 5-10 key locations in the city.

Visa Booking Service - Everyone is welcomed to Israel

All visitors to Israel must hold a passport that is valid for at least six months from the date they enter the country. Individuals from countries, who require an entry visa to Israel, should contact the Israel Embassy/Consulate in their country in order to obtain their tourist visa. For a list of Israeli missions abroad, please refer to Israel Ministry of Foreign Affairs site.

Letters of invitations will be issued by Ortra to bona fide participants only. Requests should be sent on the official letterhead of the applicants' company/ organization.

Individuals from countries without diplomatic relations with Israel, should write to Ortra, no later than three months prior to the Conference, giving their full name, date and place of birth, passport number, date of issue and expiry, date of arrival and flight details.

SOCIAL EVENTS

Welcome Reception

The welcome reception, a classic and formal evening will take place at **the ICC**. This networking evening will allow delegates to enjoy a cocktail reception while meeting colleagues. Light finger food, accompanied with Israeli wine and beer will be served, and classic live music will be played in the background.

The welcome reception will be sponsored by The Israel Ministry of Tourism/ Municipality of Jerusalem.

Gala Event

The Gala Dinner will take place at the Israel Museum in **The Sculpture Garden**. The last evening of the **World Chemistry Congress**, delegates will be invited to an Israeli culinary journey, orchestrated by the finest chefs in Israel;

The Israeli Culinary Experience. The immense cultural richness that Jerusalem offers is visible when reading the menu of the restaurants, with delicacies ranging from Egyptian falafel to French Cordon Bleu. Chefs from around the world, who have made their home in Israel, have led the rapid growth of a fine quality cuisine with numerous influences. The result is a festive original flavor that matches the quality and standard of any international cuisine.

Cocktail Reception followed by Dinner

During the reception in the Second Temple model area, participants will be welcomed with an open air cocktail accompanied by Israeli market style dishes. The backdrop, consisting of food and beverage stands, plus the sounds and aromas all highlight the theme of the whole evening; cuisine at its best. Following the reception, delegates will be seated at well decorated tables in the Sculpture Garden to enjoy a Journey through Israeli cuisine.

Suggested entertainment for Gala Event

The Hebrews from Dimona is an African-American band that delivers a stunning performance of songs from all over the world.

The “Hebrews” were born out of a special and talented community, in Dimona. The band has a special and unique repertoire which easily sweeps the guests of their feet during the show, dancing and having a lifetime experience.

CONFERENCE LOCAL PCO - ORTRA

Company Profile

ORTRA is Israel's leading destination management company **(DMC)** and serves as a licensed incoming tourist operator, as well as a professional conference organizer **(PCO)** which works solely in Israel. Founded in 1982 by the late Zvi Gelfand, one of the architects of Israel's tourism and events industry, ORTRA has managed and produced hundreds of events in Israel, catering for thousands of tourists and event participants, since its inception.

The management of ORTRA is actively involved in the Israeli Tour Operator Association. We have substantial expertise in dealing with masses of people and special groups arriving in Israel. Our rich experience in organizing international conferences in Israel gives us special recognition in the tourism sector. ORTRA is a member of the world's top professional organizations, among them **ICCA** (International Congress & Convention Association) and **INCON**, a dynamic partnership of the world's leading conference, event and destination management companies.

Full collaboration with Core PCO's & AMC's

ORTRA has a reach experience acting as a full partner and local executive arm of Core PCO's and Association Management Companies (AMC) in Israel. ORTRA, with its local working relations with Israel's top sub-suppliers, has an extensive purchasing power. For example, in June 2014 ORTRA worked side-by-side with MCI UK in organizing the 47th Annual conference of the European Society for Pediatric Gastroenterology, Hepatology and Nutrition ESPGHAN with 3,000 delegates from all over the world that took place in ICC Jerusalem. Because of our role as a leading local PCO, we are totally familiar with the Jerusalem International Conference Centre in everything pertaining to transportation access routes, as well as on-site services by attendants.

ORTRA has a steadfast staff of professional, multinational and skilled employees (40), with highly varied experience in the full range of the company's efforts. Our staff is typified by innovation, creativity, originality and energy. The professional integration in place between the company's departments means that our customers receive complete solutions for every production. Our name and experience commits all our employees to an uncompromising professionalism, and personal compliance with the highest level of service.

ORTRA has a robust and solid economic foundation we have been recognized by Dun & Bradstreet - Israel, as the most successful and lucrative event Management Company in Israel and we are assisted in our services by the sector's finest sub-suppliers and professional bodies. We are equipped with the latest technological means, including unique dedicated computerized arrays for conferences, tourism and events.

ORTRA
Meeting Point

ORTRA is a "One stop shop" providing complete solutions for organizing international conferences & events. Our activities include:

- Providing DMC services to participants of international conferences held in Israel. Including accommodation, hotels allocation, transportation, congress and pre & post tours
- Providing PCO services, organizing and producing international conferences, solely in Israel
- Event organization and production, including local and foreign VIP's personal professional assistance
- Sponsorship & participants recruitment, including marketing & sales, exhibition production, logistic management & funds collection
- Ortra Outgoing - providing assistance in booking flight tickets for conference V.I.P's

IUPAC General Assembly and Congress 2021/2023 - Budget Estimation

Income	Registration fees, Financial Income & Host City Grants	€ 1,400,000
Expenditure	**Pre-Conference Arrangements** - Graphic design & Conference collaterals, Conference website, Online Registration System, Abstract Submission System, Conference Secretariat	€ 22,000
	On-Site Arrangements - Onsite Registration, Venue, F&B, Branding and Signage, Exhibition and Posters sessions, AV and technical equipment, Staff and personnel	€ 911,200
	Social Events - Welcome Cocktail at Conference venue, Gala Dinner at The Israel Museum	€ 229,600
	Miscellaneous - Photographers, Site inspection, PCO Management Fee	€ 100,200
	Total Expenses	€ 1,263,000

Notes

Rates do not include VAT where applicable

Rates are based on € 1 = 3.90 NIS

Rates are based on 2,500 participants per conference day and 300 participants per General Assembly meetings

All the above are 2017 rates

Looking forward to hosting the World Chemistry Congress 2021 / 2023 in Jerusalem

IUPAC 2021

Bangkok, THAILAND

Thailand's Bid to Host

IUPAC General Assembly and Congress 2021/2023

WELCOME TO THAILAND

H_2O

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CONGRESS at a Glance

HOST:

The Chemical Society of Thailand

LOCAL SUPPORT:

Thailand Convention & Exhibition Bureau

Thai Airways International Plc

PROPOSED VENUE:

Bangkok International
Trade and Exhibition Centre (BITEC)

PROPOSED CITY:

Bangkok, Thailand

PROPOSED DATE:

IUPAC 2021

General Assembly: Thursday 29 July – Friday 6 August 2021
World Chemistry Congress: Monday 2 – Friday 6 August 2021

IUPAC 2023

General Assembly: Wednesday 26 July – Friday 4 August 2023
World Chemistry Congress: Monday 30 July – Friday 4 August 2023

INVITATION TO THAILAND

INVITATION Letter

สมาคมเคมีแห่งประเทศไทยในพระอุปถัมภ์ของศาสตราจารย์ ดร.สมเด็จพระเจ้าลูกเธอ เจ้าฟ้าจุฬาภรณวลัยลักษณ์ อัครราชกุมารี
Chemical Society of Thailand under the Patronage of Her Royal Highness Princess Chulabhorn Mahidol

3 February 2017

Dear Colleagues,

On behalf of the Chemical Society of Thailand (CST) under the patronage of Professor Dr. HRH Princess Chulabhorn, it is my great pleasure to extend a warm invitation to you to participate in World Chemistry Congress which will be held in 2021 in Bangkok, Thailand, under the auspices of the International Union of Pure and Applied Chemistry (IUPAC).

Over the past years, World Chemistry Congress has grown to be the major international conference in chemistry. The Congress continues the IUPAC tradition of high-quality, broad international participation in all areas of Pure and Applied chemistry. The theme of "Chemistry for Sustainability and Economic Sufficiency", is particularly appropriate as chemistry and the chemical sciences are increasingly being turned to address global environmental, health, and energy challenges. The scientific program will include all traditional areas of chemistry and also offers outstanding contents, bringing together participants from across region and around the world. This landmark congress will provide a superb opportunity for conversation, collaboration, and networking. In addition to the wide variety of technical presentations, the congress exhibition will provide insights into the latest products and developments from number of companies and organizations.

Aside from the opportunities afforded by the congress sessions, you will also have the chance to experience a myriad of Thailand's tourist and cultural attractions that are exceptional and exotic. From classic sights to fabulous temples and palaces, to natural wonders as diverse as forested mountains and beautiful beaches and islands, from delicious culinary discoveries to fabulous shopping bargains, there is plenty that will leave you with fond memories of the Kingdom of Thailand and its warm and welcoming people.

We are looking forward to meeting you, your family, and colleagues at World Chemistry Congress in Bangkok. We hope that you will find the congress both enjoyable and valuable. We thank you in advance for participating and contributing to the success of the event.

With best wishes

Supa Hannongbua

Professor Dr. Supa Hannongbua
The Chemical Society of Thailand, President

SUPPORTING Letters

Our Ref. No. 0306/2931

Department of Science Service
Rama VI Road, Ratchathewi District
Bangkok 10400, THAILAND

13 March 2017

Dear International Union of Pure and Applied Chemistry Bureau,

On behalf of Department of Science Service, IUPAC National Adhering Organization of Thailand, I would like to confirm our support to the Chemical Society of Thailand upon the bid to host The World Chemistry Congress and IUPAC General Assembly in Bangkok, Thailand in 2021/2023.

I am pleased to advise that Chemical Society of Thailand has been a crucial supporter of our effort to develop modern chemistry and promote high standard of excellence in pure and applied chemistry research in Thailand for many years while a conference will provide a great opportunity to share knowledge and experience in chemistry among scientific professionals, specialist chemistry and experts in related fields. With its enthusiasm and capacity of the association, I believe that the conference will be successful and bring the benefit to research and development in this area.

Moreover, our strategic location combined with natural beauty and cultural diversity has made us the perfect choice for hosting international events and conferences. With facilities to serve the international meeting requirements and needs, Bangkok's state-of-the-art conference venues and selection of accommodation can provide exceptional services and hospitality for all sizes and contexts.

I hereby would like to extend our warmest and cordial invitation to International Union of Pure and Applied Chemistry to consider the Kingdom of Thailand favorably as the venue for The World Chemistry Congress and IUPAC General Assembly 2021/2023.

Yours faithfully,

Suthiweth T. Saengchantara

(Dr. Suthiweth T. Saengchantara)
Director General

IUPAC Secretariat
P.O. Box 13757
Research Triangle Park,
NC 27709-3757
U.S.A.

No. 0512.16/01262

Faculty of Science
Chulalongkorn University
Phayathai Road, Pathumwan
Bangkok 10330 Thailand

7 March 2017 (2560 B.E.)

Dear Sir/Madam,

On behalf of the Faculty of Science, Chulalongkorn University, it is a great pleasure to invite the IUPAC to organize the IUPAC General Assembly and Congress in Bangkok, Thailand, in the year 2021/2023.

With our experience in consistently organizing various significant national congresses throughout the country to promote and share knowledge in chemical research, together with world class center as well as renowned service industries available in Thailand, we are certain that hosting the IUPAC General Assembly and Congress in Bangkok, Thailand, would be more than effective and efficient. The congress participants would find it enjoyable congress of the year.

We will make every effort to jointly organize the IUPAC General Assembly and Congress with the Chemical Society of Thailand to be the most interesting and memorable congress to local and international participants. I am looking forward to welcoming you, your family and friends in Bangkok in 2021/2023.

Yours faithfully

FACULTY OF SCIENCE
CHULALONGKORN UNIVERSITY

(Associate Professor Dr. Poltkit Saengwanich)
Dean of Faculty of Science
Chulalongkorn University, Thailand

คณะวิทยาศาสตร์ มหาวิทยาลัยเกษตรศาสตร์ ตู้ ป.ณ. 1020 กรุงเทพฯ 10903

Faculty of Science, Kasetsart University, P.O. Box 1020, Bangkok 10903, Thailand

Telephone (662) 562-5444 Facsimile (662) 942-8290, 562-5555 ext. 1001 www.sci.ku.ac.th

February 15 , 2017

Dear International Union of Pure and Applied Chemistry Bureau,

On behalf of the Faculty of Science, Kasetsart University, it gives me a great pleasure to invite the IUPAC to organize the IUPAC General Assembly and Congress in Bangkok, Thailand in the year 2021/2023.

With our experience in consistently organizing various significant national congresses throughout the country to promote and share knowledge of chemical research, together with world class center as well as renowned service industries available in Thailand, we are certain that hosting the IUPAC General Assembly and Congress in Bangkok, Thailand should be more than effective and efficient. The congress participants would find it more enjoyable congress of the year.

We will make every effort to jointly organize IUPAC General Assembly and Congress with the Chemical Society of Thailand to be the most interesting and another memorable congress to all local and international congress participants. Look forward to the honor welcoming you, your family and friends in Bangkok in 2021/2023.

Yours faithfully,

Supa Hannongbua

(Professor Dr. Supa Hannongbua)
Dean, Faculty of Science
Kasetsart University

TCEB
THAILAND CONVENTION & EXHIBITION BUREAU

TCEB 2701/0348

10 March 2017

Dear International Union of Pure and Applied Chemistry Bureau,

On behalf of the Thailand Convention and Exhibition Bureau, I am pleased to extend our full support to the Chemical Society of Thailand in their intention to bid for the World Chemistry Congress & IUPAC General Assembly 2021/2023 to be held in Bangkok, Thailand.

I am confident that the attractiveness of our country, the welcoming nature of Thai people, the international standard convention facilities and our past achievements in hosting many important international events such as IUPAC World Polymer Congress 2014 and the 45th International Symposium on Macromolecules (MACRO 2014) with more than 1,500 participants, and FDI 2015 Annual World Dental Congress with more than 10,000 participants will guarantee a great success for the IUPAC 2021/2023.

As a government organization in charge of promoting Thailand as a preferred destination of choice for international meetings, I hereby extend the warmest and most cordial invitation to the committees to consider our Kingdom favorably as the venue for the IUPAC 2021/2023.

Thailand looks forward to the pleasure of welcoming you and all the delegates of the World Chemistry Congress & IUPAC General Assembly.

Faithfully yours,

Nopparat Maythaveekulchai
President
Thailand Convention and Exhibition Bureau

Thai Airways International Public Company Limited
89 Vibhavadi Rangsit Road, Bangkok 10900, Thailand
Tel : 66 (0) 2545-1000, 66 (0) 2695-1000

DN/ TC /AB - 036/17

March 6, 2017

Dear International Union of Pure and Applied Chemistry Secretary General,

Thai Airways International Public Company Limited (THAI), the national carrier of Thailand, is pleased with honored to be the Official Airline and wishes to extend our full support to The Chemical Society of Thailand to bid for The 48th World Chemistry Congress & IUPAC 51st General Assembly (IUPAC 2021) to be held in Thailand.

THAI's routenet currently serves 62 destinations in more than 31 countries with a fleet of 75 aircrafts. THAI together with its Stars Alliance partners offers flights to more than 1,300 destinations in 190 countries worldwide, allowing us to offer global services to the officials and delegates to the event.

THAI overall position strategy is to be "The First Choice Carrier with Touches of THAI", the first choice of airline for travelers to Thailand or beyond. Our strategy also focuses on an area in which Thailand has distinct advantage, the Meeting, Incentive, Convention and Exhibition or MICE market, with world class facilities for every kind of event.

THAI is looking forward to welcoming the delegates of The 48th World Chemistry Congress & IUPAC 51st General Assembly (IUPAC 2021) and is prepared to offer our full cooperation to ensure the success of the event.

Yours sincerely,

Thai Airways International Public Company Limited

for Mr.Teerapol Chotichanapibal

Executive Vice President, Commercial

10000283

A STAR ALLIANCE MEMBER

HOST'S CREDENTIALS

ABOUT the Host

Chemical Society of Thailand

Chemical Society of Thailand (CST) was founded in 1980 by the association of Thai Chemists that realized an importance of the improvement of research and development in chemistry in Thailand. The Chemical Society of Thailand represents chemistry in the broadest sense in Thailand and in international organizations. It notably engages in

- Information, discussion and education in all fields of pure and applied chemistry. For this purpose it organizes and supports scientific meetings, workshops and other activities that serve the chemical community in Thailand.
- Activities that promote the interests of chemists in Thailand and in international professional organizations.
- Integration of skilled chemists from academic institutions and R&D units of industrial organizations to create research networking and enhance potential collaboration.

Members

Nowadays, the CST has approximately 3,200 members that include faculty members, research chemists, entrepreneurs and university students from several universities and organizations all around the country.

HOST'S EXPERIENCES

One of the key objectives of the Chemical Society of Thailand is to encourage knowledge transferring among academic institutions and industrial organizations in the field of chemistry. To achieve this goal, the Chemical Society of Thailand also focus on organizing local activities and international conferences.

LOCAL ACTIVITIES

WORKSHOP ON GREENING CHEMISTRY EDUCATION

TRAINING FOR HIGH SCHOOL TEACHER

TRAINING AND WORKSHOP ON CHEMICAL SAFETY

THE HEAD OF CHEMISTRY DEPARTMENTS FROM UNIVERSITIES IN THAILAND ANNUAL MEETING

FUNDAMENTAL CHEMISTRY COURSE FOR BASIC OCCUPATIONAL HEALTH

ABOUT the Host

Local Activities

THE CONGRESS ON SCIENCE AND TECHNOLOGY OF THAILAND (STT)

The Congress on Science and Technology of Thailand (STT) is an important national event which is organized annually. It is one of the biggest science and technology conferences in Thailand.

The aim is to bring together national and international scientists and technologists as well as young Thai scientists from diversified fields of science and technology and to give them an opportunity to share and exchange their experiences. In this year, special sessions in the form of Science Forum and Panel discussion are also organized.

Every year CST also collaborates with the Chemistry division of the Science Society of Thailand in organization of the Congress on Science and Technology of Thailand (STT). At least one Nobel Laureate is traditionally the plenary lecturer in the congress.

Since the year of 2000, approximately 2,000 attendances have joined this conference with nearly 1,000 presented posters, of which 40% are in the field of Chemistry. The number of foreign participants has increased by up to 3,000 attendances in the recent years.

International Conferences

ASIAN CHEMICAL CONGRESS 2011

Event period: 5-8 September 2011
Venue: Bangkok, Thailand
Number of participants: 2,500 delegates

IUPAC WORLD POLYMER CONGRESS 2014 AND THE 45TH INTERNATIONAL SYMPOSIUM ON MACROMOLECULES (MACRO 2014)

Event period: 6-11 July 2014
Venue: Chiang Mai, Thailand
Number of participants: 1,500 delegates

YOUNG AMBASSADORS FOR CHEMISTRY (YAC)

Event period: 25-26 November 2014
Venue: Bangkok, Thailand
Number of participants: 40 delegates

ABOUT the Host

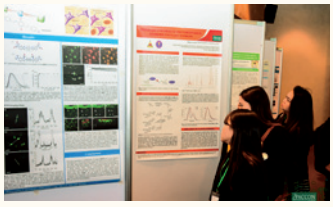
International Conferences

THE PURE AND APPLIED CHEMISTRY CONFERENCE (PACCON)

The Pure and Applied Chemistry Conference or PACCON is the largest annual event devoted to the science in the areas of chemistry, and it provide a platform to participants to present their research finding as well as exchange ideas, discover novel opportunities, reacquaint with colleagues, meet new friends, and broaden their knowledge.

In 2016, CST and Faculty of Science, Chulalongkorn University hosted the **PACCON 2016.** The meeting was vey successful with more than 1,200 participants attending the conference.

Recently, Department of Industrial Chemistry, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok (KMUTNB) and the Chemical Society of Thailand (CST), organized **PACCON 2017** under the theme "Green Convergence on Chemical Frontiers" which broadly cover all disciplines of chemistry from fundamental research to industrial applications, highlight global chemical scientific interactions and collaborations. The conference was organized during 2-3 Feb 2017 with more than 1,300 participants



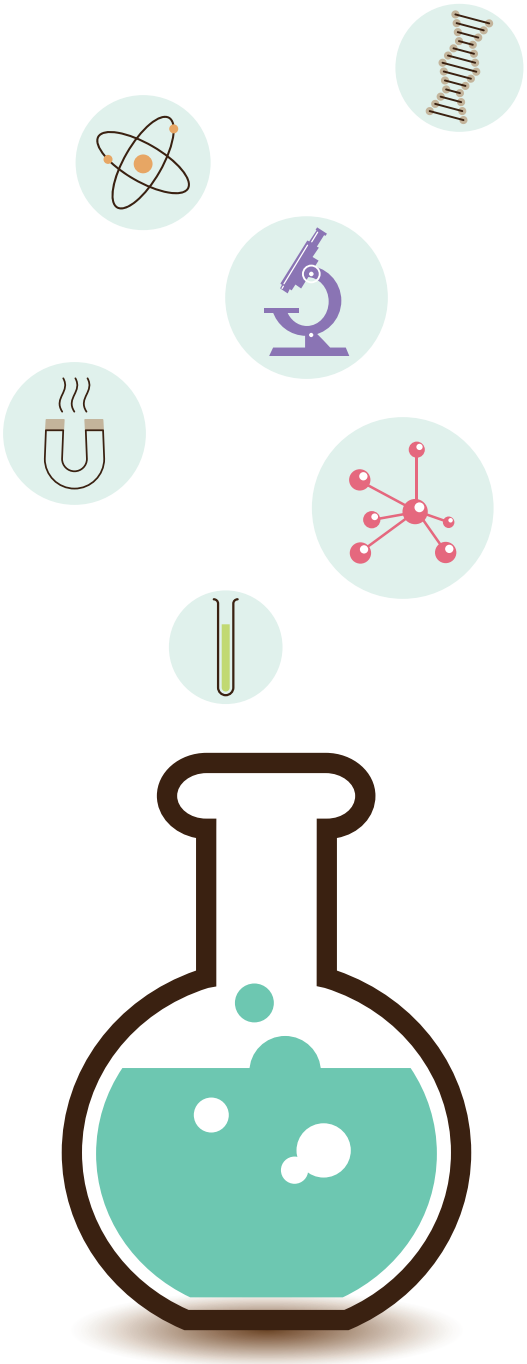
IUPAC 2021
Bangkok, THAILAND

IUPAC GENERAL ASSEMBLY AND CONGRESS 2021/2023 IN THAILAND

THEME

CHEMISTRY FOR

Sustainability and Economic Sufficiency



Scientific Session

- IUPAC's Topics
- Analytical & Food Chemistry (AC)
- Chemistry Education (CE)
- Chemistry for Industry Innovation (CI)
- Chemical Synthesis (CS)
- Energy, Water and Environmental Sciences (EE)
- Green Chemistry and Biotechnology (GB)
- Inorganic and Structural Chemistry (IC)
- Macromolecules and Materials (MM)
- Medicinal Chemistry and Chemical Biology (MB)
- Nano Science and Technology (NT)
- Natural Products and Biodiversity (NB)
- Physical, Biophysical and Computational Chemistry (PC)

Special Topics

Universities that turn research to revenue

University start-ups are unique in the world of business and entrepreneurship, translating research conducted at and owned by universities into market-ready products--a complex process that requires a combination of scientific, technical, legal, business, and financial skills to be successful.

Chemistry: A Role for Sustainable World

The Sustainable Development Goals (SDGs), adopted a year ago in New York embrace the need for economic development that leaves no one behind and gives everyone a fair chance of leading a decent life. Chemistry is crucial to finding sustainable solutions to far-reaching challenges, including:Energyprovision, Environmental protection, Food and water safety, and Global healthcare. This sessionwilldiscuss more about chemistry's role in sustainability.

New Initiatives

Pre & Post Conference Workshop

- Green chemistry workshop
- Small scale chemistry workshop
- Chemical safety workshop
- Computational chemistry and digital science workshop

Dinner talk

Invited Speakers

- Nobel Laureates in Chemistry
- Eminent Scientists in Chemistry

Young Chemists Program

The Chemical Society of Thailand as a local host of IUPAC 2021/2023 will support registration fee for 100 young chemists who are younger than 35 years old and qualified to present their abstracts in the poster session.

ABOUT the congress IUPAC 2021

Congress Program

*The program will follow the pattern of IUPAC Congress

<table>
<tr><th></th><th>Day 0</th><th>Day 1</th><th>Day 2</th><th>Day 3</th><th>Day 4</th><th>Day 5</th></tr>
<tr><td rowspan="8">Morning Session</td><td rowspan="11">Registration</td><td>Plenary 2</td><td>Plenary 4</td><td>Plenary 6</td><td>Plenary 7</td><td>Keynote lecture</td></tr>
<tr><td rowspan="2">Keynote lecture</td><td rowspan="2">Keynote lecture</td><td rowspan="2">Keynote lecture</td><td rowspan="2">Keynote lecture</td><td>Invited</td></tr>
<tr><td>Oral</td></tr>
<tr><td>Invited</td><td>Invited</td><td>Invited</td><td>Invited</td><td rowspan="2">Invited</td></tr>
<tr><td>Oral</td><td>Oral</td><td>Oral</td><td>Oral</td></tr>
<tr><td>Invited</td><td>Invited</td><td>Invited</td><td>Invited</td><td rowspan="2">Plenary 9</td></tr>
<tr><td colspan="4">Lunch</td><td rowspan="2">Closing Ceremony</td></tr>
<tr><td rowspan="6">Afternoon Session</td><td>Plenary 3</td><td>Plenary 5</td><td rowspan="6">Free Half-day</td><td>Plenary 8</td></tr>
<tr><td>Keynote lecture</td><td>Keynote lecture</td><td>Invited</td></tr>
<tr><td>Oral</td><td>Oral</td><td rowspan="2">Oral</td></tr>
<tr><td>Invited</td><td>Invited</td><td>Invited</td></tr>
<tr><td rowspan="3">Opening Ceremony & Plenary 1</td><td>Keynote lecture</td><td>Keynote lecture</td><td>Keynote lecture</td></tr>
<tr><td>Oral</td><td>Oral</td><td rowspan="3">Poster</td></tr>
<tr><td>Invited</td><td>Invited</td></tr>
<tr><td>Evening Session</td><td></td><td rowspan="2">Poster</td><td rowspan="2">Poster</td><td rowspan="2"></td><td rowspan="2">Gala Dinner</td></tr>
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Local Organizing Committee

Advisor
Professor Dr. Supawan Tantayanon

Congress Chairman
Professor Dr. Supa Hannongbua

Secretary General
Assistant Professor Dr. Patchreenart Saparpakorn

Local Scientific Committee

Professor Dr. Apichart Suksamran
Professor Dr. Vatcharin Rukhachaikul
Professor Dr. Somdej Kanokmathakul
Professor Dr. Supot Hannongbua
Professor Dr. Teerayut Wilaiwan
Professor Dr. Kate Grudpan
Professor Dr. Orawan Chailapakul
Professor Dr. Sanong Ekasit
Associate Professor Dr. Surin Laosuksathit
Associate Professor Dr. Thanatkul Mongkolassawarat
Associate Professor Dr. Voravee Hoven
Dr. Kajornsak Faungnawakij
Dr. Warayuth Sajomsang

Registration Fee

Total 3,500 delegates
International: 2,800 delegates
Local: 700 delegates

Type of participants	Registration Fee	*Estimated number of participants*	*Estimated revenue (USD)*
General Participants	USD 800	*300*	*240,000*
IUPAC Affiliates Regular	USD 700	*1,500*	*1,050,000*
IUPAC Affiliates Student	USD 390	*200*	*78,000*
IUPAC Affiliates Guests	USD 350	*200*	*70,000*
IUPAC Members and Delegates	USD 390	*300*	*117,000*
CST Member	USD 210	*500*	*105,000*
CST Student Member	USD 130	*100*	*13,000*
CST Member's Guest	USD 130	*100*	*13,000*
FOC for Speaker/Sponsor	-	*300*	

Remarks

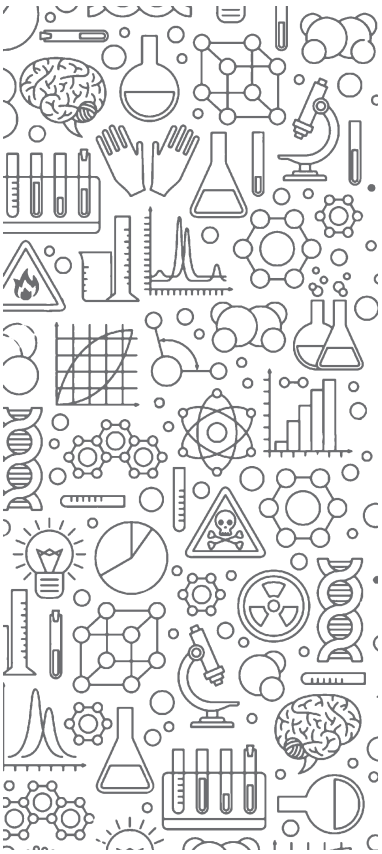
1. Registration period
   - Early registration (10% discount from full rate) : From 1 November 2020/2022 to 30 April 2021/2023
   - Regular registration : 30 April 2021/2023 onward
2. The registration fee will be waived for IUPAC Bureau members and IUPAC staff.
3. Registration system will be prepared for both the Congress and General Assembly.

Budget

REVENUE	USD
Exhibition	135,000
Sponsorship	490,000
Registration	1,686,000
Entrance Fee for Gala Dinner	105,000
TOTAL	**2,416,000**

COST	USD
Marketing	127,000
Exhibition Hall	157,039
Conference	1,390,000
Onsite	42,558
Administrative	150,015
Contingency 5%	*93,331*
VAT 7%	*137,196*
TOTAL	**2,097,138**

Profit / (Loss)	**318,862**



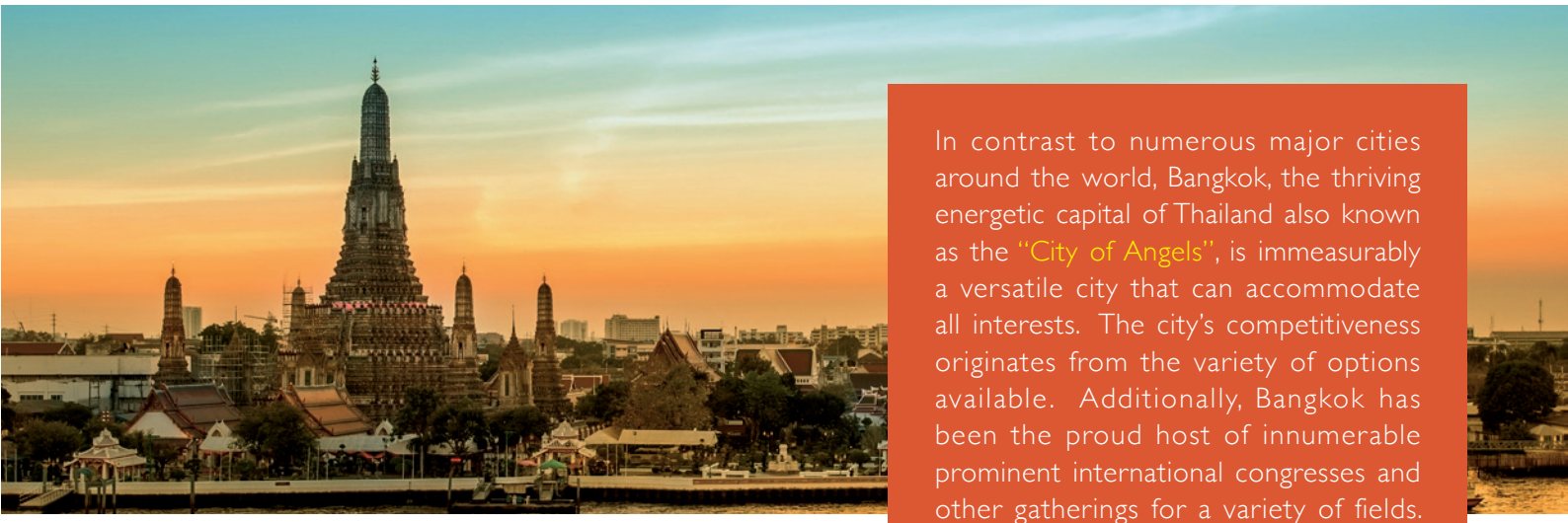
THAILAND'S READINESS

THAILAND

The Heart of ASEAN

As the hub of the ASEAN region and due to its strategic geographic position, the Kingdom of Thailand has drawn more visitors than any other country in Southeast Asia. This is a result of its alluring range of breathtaking natural splendor, arousing temples and age-old ruins, appetizing cuisine and legendary hospitality awaiting to be discovered. All of this and much more has made Thailand become one of the world's most dynamic and captivating convention destinations. Consequently, convention and business travelers from all over the world have been mesmerized by the mystique of this unique kingdom and held their events here.

BANGKOK – a Cosmopolitan City



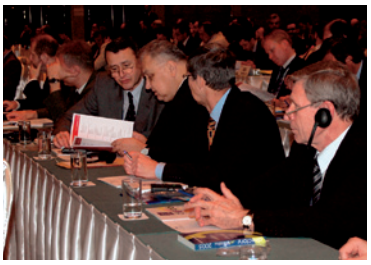
In contrast to numerous major cities around the world, Bangkok, the thriving energetic capital of Thailand also known as the "City of Angels", is immeasurably a versatile city that can accommodate all interests. The city's competitiveness originates from the variety of options available. Additionally, Bangkok has been the proud host of innumerable prominent international congresses and other gatherings for a variety of fields. Convention delegates participating in their event have had an immense valuable and gratifying experience exchanging opinions and receiving new and advanced know-how within their field of expertise, as well as absorbed themselves in the diversity of sightseeing, culture, entertainment, shopping, and dining that has had an aspect of "Thainess", a sense of style that cannot be found anywhere else in the world.

Country's Credentials

Over the years, the Kingdom of Thailand is proud to have been the host of countless prestigious international congresses and other gatherings for the medical community. Here are lists of some important past and upcoming events that are confirmed to be held in Thailand:

- FDI Annual World Dental Congress 2015 *(~10,000 delegates)*
- 46th World Congress of International Surgery Society 2015 *(~2,500 delegates)*
- The International Association of Gerontology and Geriatrics Asia/Oceania Regional Congress 2016 *(~2,000 delegates)*
- The 8th Asian Congress of Pediatric Infectious Diseases 2016 *(~3,000 delegates)*
- XXIX ISSCT Congress 2016 *(~2,000 delegates)*
- The 8th International Congress of Asia Pacific Society of Infection Control 2017 *(~2,200 delegates)*
- Asia Pacific Regional Conference of the World Organization of Family Doctors 2017 *(~1,000 delegates)*
- Asian Pacific Congress on Allergy, Asthma and Clinical Immunology 2018 *(~1,500 delegates)*

Convention delegates participating in their event have not only been able to have had a professional and rewarding experience exchanging ideas and gaining up-to-date knowledge within their field of expertise, but also immersed themselves in a diverse variety of sightseeing, culture, entertainment, shopping, dining, plus lots more.



Owing to this interest, Thailand, especially Bangkok has also accumulated numerous honors of international recognition through the country's tourism industry including:

2016

- Thailand voted as the "Best Leisure Destination in the Asia-Pacific 2016" by readers of the Business Traveler Asia-Pacific magazine.
- Thailand won the TTG Travel Award for the "Outstanding Achievement Award: Destination of the Year 2016".
- Bangkok voted as the No. 1 Holiday Destination in Asia by readers of SmartTravelAsia.com in its Best in Travel Poll 2016.
- Bangkok was named as one of the world's best 23 destinations for street food and roadside dining by CNN.com.
- Thailand voted as the "Destination with the Highest Client Satisfaction – Asia" by TravelAge West Magazine in the Western USA.

2015

- Bangkok as the Asia-Pacific's most popular destination for international travelers by MasterCard Asia Pacific Destinations Index 2015.
- Thailand chosen as the world's Best Value Destination for 2015 by the well-traveled readers of Lonely Planet Magazine India.
- Three of Bangkok's most famous landmarks voted among the Top 10 in Asia by travelers on the popular website TripAdvisor.
- Bangkok voted as the "Favorite City for Leisure in the Asia-Pacific" by readers of DestinAsian magazine.

With all of this in mind, we would like to share this experience with the delegates of the IUPAC General Assembly and Congress 2021/2023

EASY Access

Strategically located in the center of ASEAN and having a key role in enhancing the region's connectivity, Thailand is well-served by an effective system of local, regional and international transportation links with Bangkok being accessible to all major continents. Bangkok's Suvarnabhumi Airport, hub to approximately 100 airlines with more than 200 scheduled flights per day, is only 30 minutes from downtown with the Airport Rail Link.

Summary of monthly international scheduled flight to Thailand by country

ORIGIN	TOTAL	
	Flights	Seats
East Asia	106,209	22,432,911
South Asia	12,169	2,835,772
Europe	11,442	3,678,020
The Americas	959	317,736
Oceania	3,700	1,174,316
Middle East	8,645	2,811,583
Africa	1,162	276,354
Grand Total	**114,286**	**33,526,692**

IDEAL Venue

BANGKOK INTERNATIONAL TRADE AND EXHIBITION CENTRE (BITEC)

The primary venue proposed for the IUPAC General Assembly and Congress 2021/2023 is the Bangkok International Trade and Exhibition Centre (BITEC), a world-class, state-of-the-art attractively designed facility offering 36,000 square meters of column-free space and a total exhibit area of 50,400 square meters of space of 16 meeting rooms, 3 convention halls and 7 multi-purpose halls for various functions. Coupled with its comprehensive services, this conference venue encompasses the best of traditional Thai hospitality.

The construction of Phase II has been completed in 2016. This increases usable space by another 22,000 sq.m. with additional 12 breakout meeting rooms, 3 convention halls and 3 multi-purpose halls. This will thus provide conference and exhibition facilities for all types of international events.

IDEAL Venue

BITEC Fast Facts

70,000 sq.m.
total area of event space

28
Meeting rooms

6
Convention Halls

10
Multi - Purpose Halls

15 minutes
from Suvarnabhumi International Airport

160 metres
from BTS Skytrain - interlinked with Bangna Station

70
Drive - in Loading Docks

6
Designated Loading Lifts for Convention Halls

5,400
Indoor & Outdoor Parking Spac

Comfortably accommodate
30 - 40,000
delegates and over
150,000
exhibition visitors per day

15
Food Outlets

2
Food Courts

Exclusive
COACH
Terminal

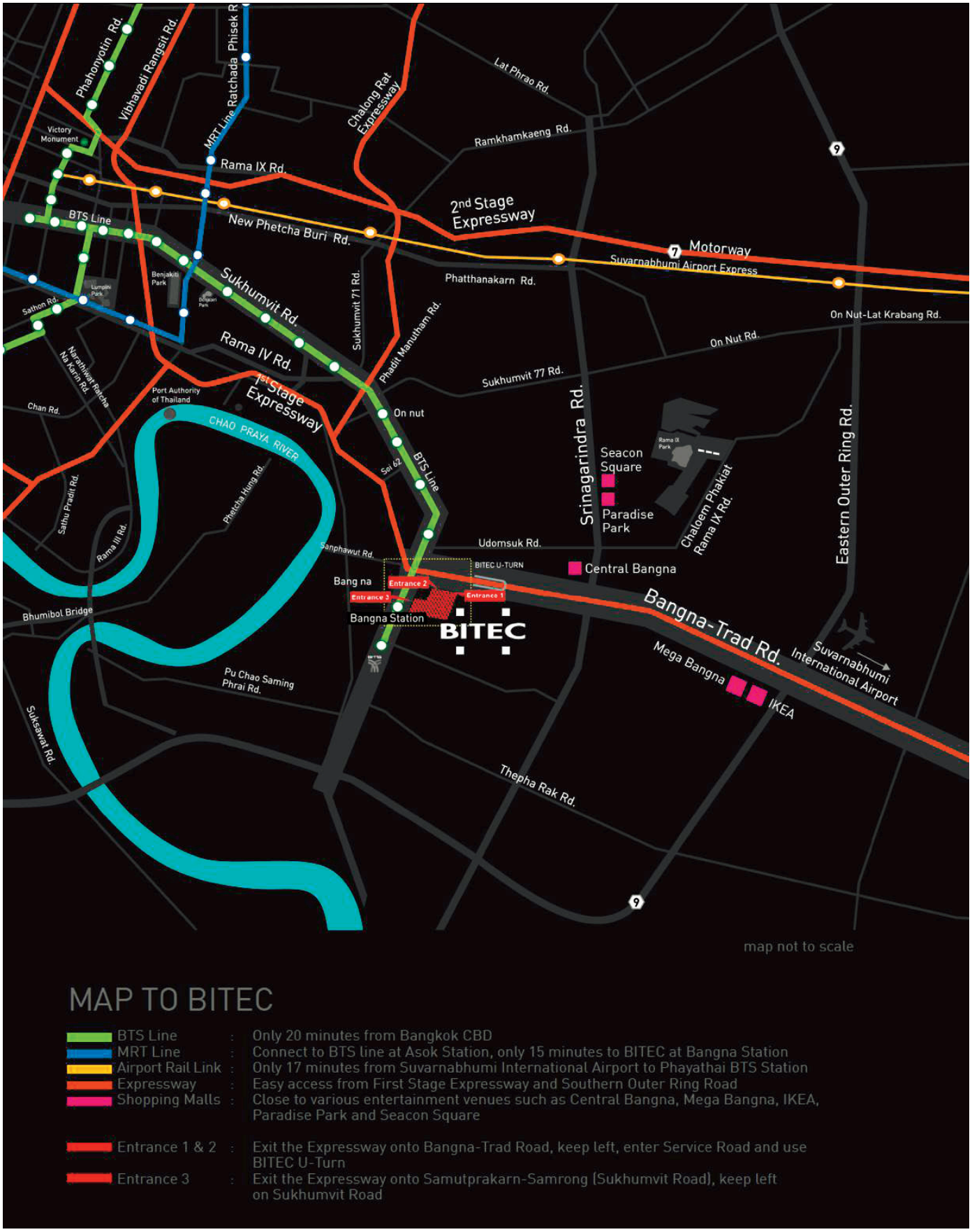
Private
VIP
& Business Lounge

TAXI & VAN
Drop off

Commercial Licensed
Rooftop
HALIPAD

GOLDEN SOFT

IDEAL Venue



MAP TO BITEC

BTS Line	:	Only 20 minutes from Bangkok CBD
MRT Line	:	Connect to BTS line at Asok Station, only 15 minutes to BITEC at Bangna Station
Airport Rail Link	:	Only 17 minutes from Suvarnabhumi International Airport to Phayathai BTS Station
Expressway	:	Easy access from First Stage Expressway and Southern Outer Ring Road
Shopping Malls	:	Close to various entertainment venues such as Central Bangna, Mega Bangna, IKEA, Paradise Park and Seacon Square
Entrance 1 & 2	:	Exit the Expressway onto Bangna-Trad Road, keep left, enter Service Road and use BITEC U-Turn
Entrance 3	:	Exit the Expressway onto Samutprakarn-Samrong (Sukhumvit Road), keep left on Sukhumvit Road

Access to BTEC

By Skytrain

Only 20 minutes from Bangkok CBD. Alight at BTS Bangna Station, delegates can take a short walk directly to BITEC Event halls via travellator equipped indoor skywalk. The BTS Skytrain will also provide fast and reliable route to and from thousands of hotels, restaurants, shopping malls and entertainment facilities in the heart of Bangkok.

By Car

Only 15 minutes from the Suvarnabhumi International Airport, BITEC is easily accessed by road via expressway, Bangna-Trad Road and Sukhumvit Road. Over 5,000 vehicles parking space available indoor and outdoor.

By Bus

There are regular bus services to BITEC which allow easy access from Bangna-Trad Road and Sukhumvit Road.

By Taxi

Taxis are always available and can be pre-booked at BITEC Business Centre. BITEC also has a dedicated staffs to assist delegates at Taxi and Van drop off point.

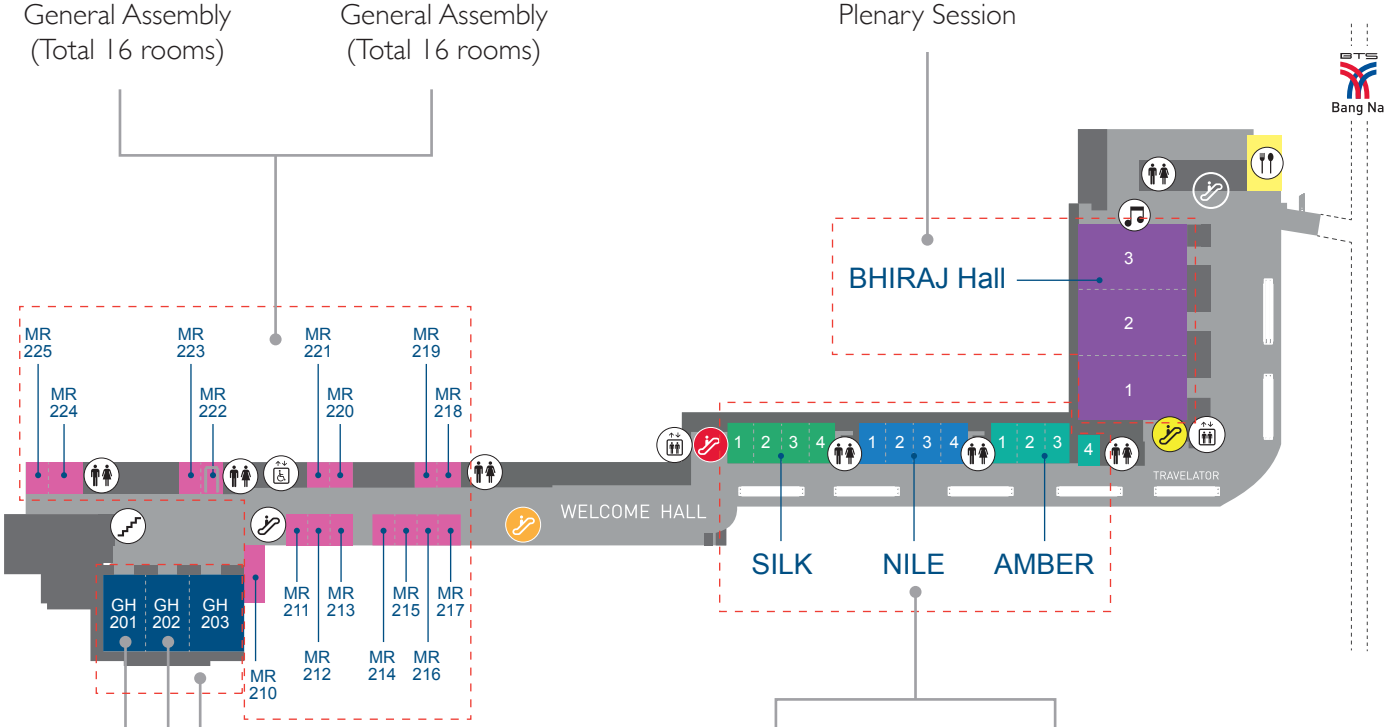
IDEAL Venue

2nd FLOOR
Conventions & Meeting Room

General Assembly
Day 1-4
Meeting rooms for
General Assembly
(Total 16 rooms)

Congress
Day 5-9
Meeting rooms for
General Assembly
(Total 16 rooms)

Congress
Day 5-9
Opening Ceremony /
Plenary Session



Congress
Day 5-9
Poster session
(1,780 sq.m.)
up to 1,000 posters

General Assembly
Day 1-4
Council lunch

General Assembly
Day 1-4
Council Meeting

General Assembly
Day 1-4
Meeting rooms for
General Assembly
(Total 12 rooms)

Congress
Day 5-9
Oral Presentations
(Total 12 rooms)

Proposed period

Year 2021

The IUPAC General Assembly 2021
Set-up Day: Wed.28 July 2021
(08:00 – 18:00 hrs.) – 1 Day

Event Days: Thu.29 July – Fri.6 August 2021
(08:00 – 18:00 hrs.) – 9 Days

World Chemistry Congress 2021
Set-up Day: Sun.1 Aug 2021
(08:00 – 22:00 hrs.) – 1 Day

Event Days: Mon.2 – Fri.6 Aug 2021
(08:00 – 18:00 hrs.) – 5 Days

Tear Down: Fri.6 Aug 2021
(18:00 – 22:00 hrs.) Exhibition Only

Year 2023

The IUPAC General Assembly 2023
Set-up Day: Wed.26 July 2023
(08:00 – 18:00 hrs.) – 1 Day

Event Days: Thu.27 July – Fri.4 August 2023
(08:00 – 18:00 hrs.) – 9 Days

World Chemistry Congress 2023
Set-up Day: Sun.29 July 2023
(08:00 – 22:00 hrs.) – 1 Day

Event Days: Mon.30 July – Fri.4 Aug 2023
(08:00 – 18:00 hrs.) – 5 Days

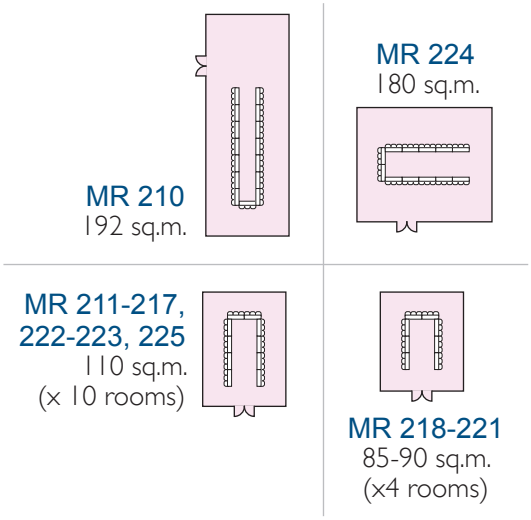
Tear Down: Fri.4 Aug 2023
(18:00 – 22:00 hrs.) Exhibition Only

Name of Room	Set up		Dimension L x W (m)	Area (Sqm)	Capacity			
	General Assembly Day 1-4	Congress Day 5-9			Theatre	Classroom	U-shape	Banquet
GH 201	Council Meeting	Poster session (1,780 sq.m.) up to 1,000 posters	31 x 18	540	560	300	150	320
GH 202	Council lunch		31 x 18	555	560	300	150	320
GH 203	-		31 x 22	685	750	450	222	400
MR 210	Meeting rooms for General Assembly (Total 16 rooms)	Meeting rooms for General Assembly (Total 16 rooms)	24 x 8	192	200	100	50	110
MR 211, 212, 213			12 x 9	110	100	60	25	60
MR 214, 215, 216, 217			12 x 9	110	100	60	25	60
MR 218, 219			10 x 8	85	70	50	20	50
MR 220, 221			10 x 9	90	70	50	20	50
MR 222			12 x 8	110	100	60	25	60
MR 223			12 x 8	100	100	60	25	60
MR 224			12 x 14	180	140	90	30	80
MR 225			12 x 9	110	100	60	25	60
Silk 1, 2, 3, 4	Meeting rooms for General Assembly (Total 12 rooms)	Oral Presentations (Total 12 rooms)	16 x 11	176	170	90	45	120
Nile 1, 2, 3, 4			16 x 11	176	170	90	45	120
Amber 1, 2, 3			16 x 11	176	170	90	45	120
Amber 4			12 x 9	108	80	60	30	60
BHIRAJ Hall 1 - 3	-	Opening Ceremony / Plenary Session	44 x 81	3,564	3,700	2,300	-	1,900

IDEAL Venue

General Assembly

up to 27 meeting rooms for General Assembly sessions



MR 211 - MR 225 (15 rooms)

Purpose : set up in boardroom or U-shape style for the General Assembly's meetings (9 days)

Area : 85 - 192 sq.m. / room

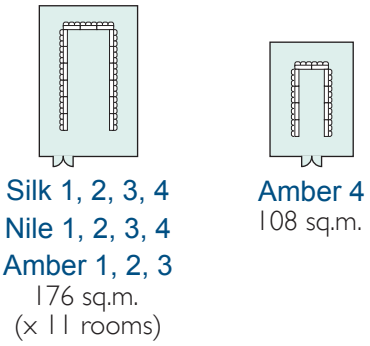
Set up : **Boardroom style :** 20 - 25 Seats
U-Shape style : 25 - 35 Seats

SILK 1 - 4, NILE 1 - 4, AMBER 1 - 4 (12 rooms)

Purpose : **Day 1 - Day 4 :** set up in boardroom or U-shape style for the General Assembly's meetings
Day 5 - Day 9 : set up in theatre style for oral presentation of the Congress

Area : **Silk 1, 2, 3, 4 / Nile 1, 2, 3, 4 / Amber 1, 2, 3 :** 176 sq.m. (x11 rooms)
Amber 4 : 108 sq.m. (x1 room)

Set up : **Boardroom style :** 25 - 40 seats / room
U-Shape style : 30 - 45 seats / room



Common area for coffee break

Grand Hall Foyer 1,200 sq.m.

Council Meeting

Council Meeting : GH201

Purpose : set up in classroom style for Council Meeting

Area : 540 sq.m.

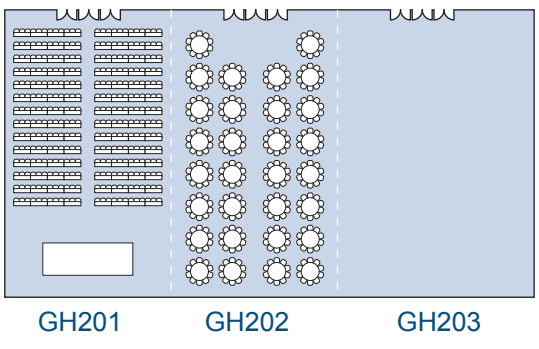
Set up : **Classroom style :** 300 Seats

Lunch for Council : GH202

Purpose : Lunch area for Council on the second day

Area : 555 sq.m.

Set up : **Roundtable :** 300 seats



World Chemistry Congress

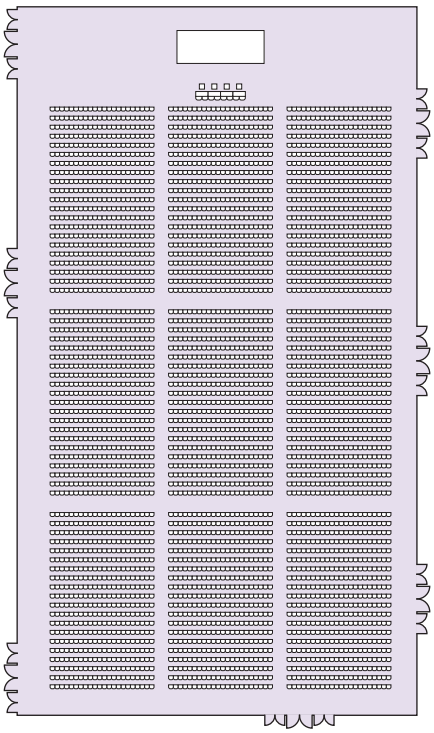
Opening Ceremony & Plenary Session

Bhiraj Hall1-3

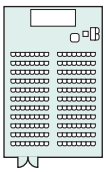
Purpose : set up in theatre style for opening ceremony of the General Assembly and the Congress, including plenary session and closing ceremony

Area : 3,564 sq.m.

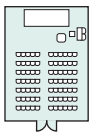
Set up : 3,500 seats in theatre style



BHIRAJ Hall



Silk 1, 2, 3, 4
Nile 1, 2, 3, 4
Amber 1, 2, 3
176 sq.m.
(x 11 rooms)



Amber 4
108 sq.m.

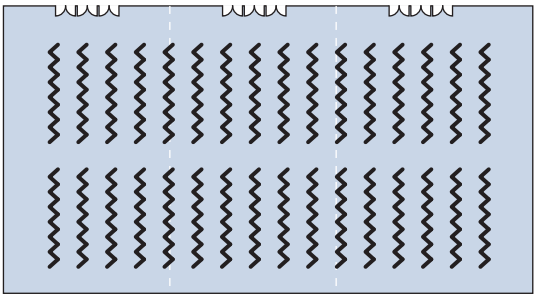
Oral Presentations

SILK 1-4, NILE 1-4, AMBER 1-4 (12 rooms)

Purpose : set up in theatre style for oral presentation of the Congress

Area : **Silk 1, 2, 3, 4 / Nile 1, 2, 3, 4 / Amber 1, 2, 3 :** 176 sq.m. (x11 rooms)
Amber 4 : 108 sq.m. (x1 room)

Set up : **Theatre style**
Silk 1, 2, 3, 4 / Nile 1, 2, 3, 4 / Amber 1, 2, 3 : 170 seats (x11 rooms)
Amber 4 : 80 seats (x1 room)



GH201 GH202 GH203

Poster Session

GH201 - 203

Purpose : Set up poster stands for poster sessions

Area : 1,780 sq.m.

Set up : 1,000 Posters

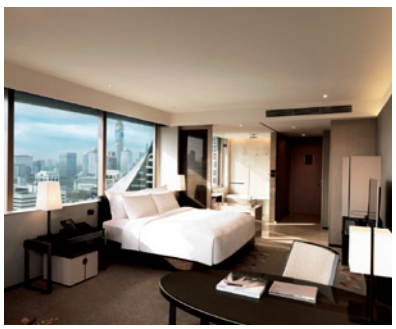
ACCOMMODATION for all

Bangkok offers more than 70,000 hotel rooms with a wide range of accommodation options ranging from affordable 3-star to luxury 5-star hotels within the vicinity of the proposed venue that promise the most value for money and are able to suit all preference and budgets. All hotels have high international standards of facilities, services and amenities in every respect and provide a refreshing perspective on the distinctively Thai tradition of hospitality. Furthermore, they are conveniently accessible to the BITEC within 10-20 minutes by BTS Sky train. As such we would like to propose these hotels as accommodation for IUPAC 2021/2023 delegates during their stay in Bangkok.

Thai Hotel Association is one of our partners and we pledge to work together to come up with a competitive and valuable hotel rate that suit every budgets.

ACCOMMODATION for Bureau members

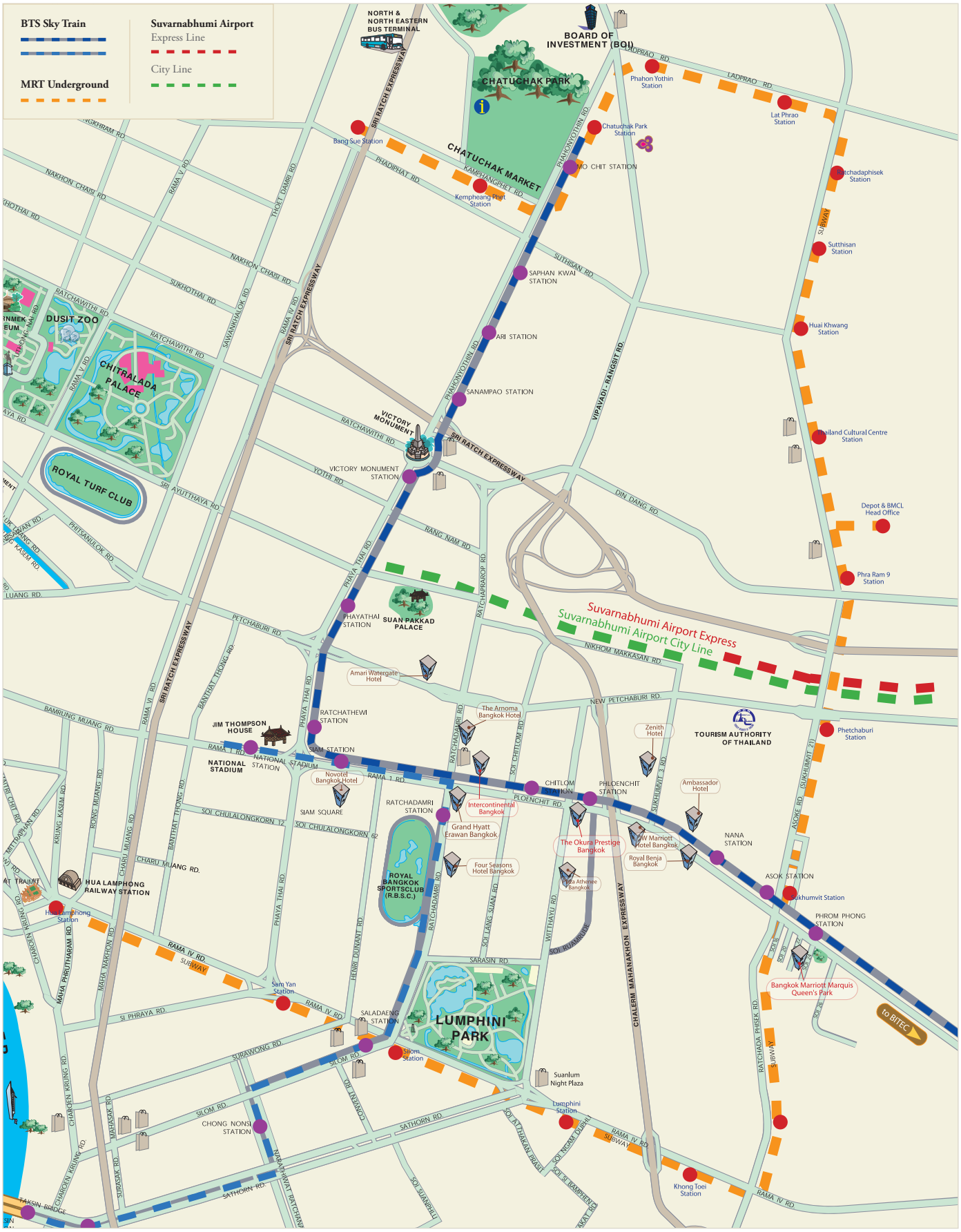
Hotel Name	Location	Rooms	Daily rate
InterContinental Bangkok	BTS Chit Lom (12 stations / 25 mins. to BITEC)	381 guestrooms (3 categories)	starting from USD 160
The Okura Prestige Bangkok	BTS Chit Lom (11 stations / 22 mins. to BITEC)	240 guestrooms (10 categories)	starting from USD 180



ACCOMMODATIONS for delegates

Hotel Name	Distance to BITEC by BTS Skytrain (minute)	by car (minute)	Rooms
OFFICIAL HOTELS 130-160 USD			
Bangkok Marriott Marquis Queen's Park (Headquarter hotel)	16	20 - 30	1,360
The Landmark Hotel	20	30 - 40	399
The Westin Grande Sukhumvit	18	20 - 30	362
Sheraton Grande Sukhumvit	18	20 - 30	420
SATELLITE HOTELS			
Class A: 120 USD up			
JW Marriott Sukhumvit	20	30 - 40	441
Grand Millennium Sukhumvit	18	20 - 30	325
Emporium Suites by Chatrium	16	20 - 30	376
Radisson Blu Plaza Bangkok	18	20 - 30	290
Hilton Sukhumvit Bangkok	16	20 - 30	280
Class B: 90-120 USD			
Grande Centre Point Hotel Terminal 21	18	20 - 30	498
The Continent Hotel Bangkok	18	20 - 30	247
Jasmine City Hotel	18	20 - 30	204
Adelphi Grande Hotel	18	20 - 30	167
Hope Land Executive Residence	10	10 - 15	187
BUDGET HOTEL Class C: 20-90 USD			
Avana Express Resort	within walking distance		110
Brighton Hotel & Residence	within walking distance		146
The Shade House	within walking distance		16
Thomsom Residence Hotel	within walking distance		40
Avana Residence	-	5	540
King Park Avenue Hotel	-	10	240
Imm Fusion Sukhumvit	8	12	168
Convenient Park Hotel	5	7	257

MAP of Bangkok



SOCIAL Event

Reception for Council Delegates

The reception for Council Delegates will be held at The Mandarin Oriental's signature Thai restaurant, Sala Rim Naam ("Room at the Water's Edge") combines classic "royal Thai" cuisine with a theater experience, offering diners a glimpse of local culture as they tuck into their multi-course meals. Set in a room overlooking the Chao Phraya and accessed via a quick ferry across the water, this will be a truly memorable reception for council delegates.

Dinner for Bureau

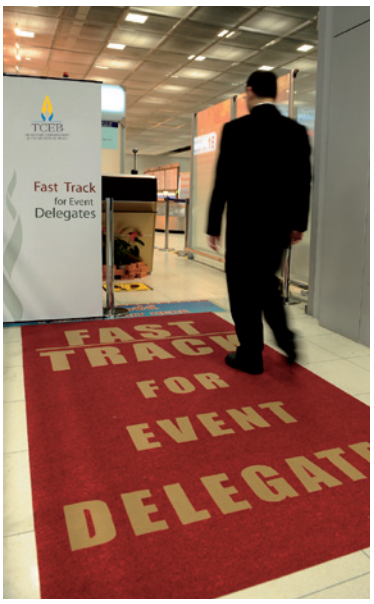
The proposed venue for bureau dinner will be at Red Sky, a relaxed urban bistro on the rooftop of Centara Grand Hotel, where creative cuisine and stunning vistas combine to offer a memorable dining experience. The bureau will enjoy admiring the true beauty of exquisite Bangkok bird's eye view. The evening will be complimented with a retreating live music performance and authenticity and passionate Thai food.

Modern Infrastructure

The BTS Skytrain and MRT Underground provide a safe and expedient form of transportation around the city. Furthermore, by 2020, there will be several extensions and expansions of these rail networks operating throughout the city. Besides this, Bangkok also has a major public bus system interweaving throughout the city, a river taxi on the Chao Phraya River as well as metered taxis. In merging these with the superb network of expressways and other thoroughfares, traveling around Bangkok is considerably lessened even during peak travel times. Delegates will find that travel from the majority of hotels to the venue is within 20 minutes.

Government Support

This bidding proposal has the absolute support of the Royal Thai Government, Thailand Convention and Exhibition Bureau (TCEB), other related Thai government agencies, and various private sector organizations. These would provide the necessary facilitation for delegates during their stay in Thailand.



Visa & Immigration Fast Track

Nationals of 58 countries and Hong Kong SAR are automatically granted permission to stay for 30 days in the country. 19 countries can apply for a "Visa on Arrival" at the Immigration Hall in all Thai international airports and border checkpoints. For citizens of countries not covered by the above, visas can be obtained from the nearest Royal Thai Embassy or Consulate.

The Thailand Convention and Exhibition Bureau (TCEB) in conjunction with the related Thai government agencies will provide visa assistance and fast lane immigration clearance at all immigration checkpoints.

VISA EXEMPTION and Visa on Arrival

Summary of Countries and Territories entitled for Visa Exemption and Visa on Arrival to Thailand

Ordinary Passport						Diplomatic/Official Passport		
Nationals of the following countries may apply for Visa on Arrival	Nationals of the following countries may enter Thailand without a visa					Nationals of the following countries may enter Thailand without a visa		
	Tourist Visa Exemption Scheme		Bilateral Agreement			Bilateral Agreement		
Period of stay	Period of stay		Period of stay			Period of stay		
15 days	** 30 days		14 days	30 days	90 days	30 days	90 days	
Andora	Australia	Monaco	Cambodia	Hong Kong	Argentina	Cambodia	Albania	Luxembourg
Bulgaria	Austria	The Netherlands	Myanmar *(internationnal Airports only)*	Laos	Brazil	Brunei	Argentina	Malaysia
Bhutan	Belgium	New Zealand		Macau	Chile	China	Austria	Mexico
China	Bahrain	Norway		Mongolia	Korea (ROK)	Ecuador	Belarus	Montenegro
Cyprus	Brunei	Oman		Russia	Peru	Hong Kong	Belgium	Morocco
Ethiopia	Canada	The Philippines		Vietnam		Indonesia	Bhutan	The Netherlands
India	Czech Republic	Poland				Laos	Brazil	Nepal
Kazakhstan	Denmark	Portugal				Macau	Chile	Panama
Latvia	Estonia	Qatar				Mongolia	Colombia	Peru
Lithuania	Finland	Singapore				Myanmar	Costa Rica	The Philippines
Maldives	France	Slovak				Oman	Croatia	Poland
Malta	Germany	Slovenia				Pakistan *(Diplomatic only)*	Czech Republic	Romania
Mauritius	Greece	Spain				Singapore	Estonia *(Diplomatic only)*	Russia
Romania	Hong Kong	South Africa				Vietnam	France *(Diplomatic only)*	Slovakia
San Marino	Hungary	Sweden					Germany	South Africa
Saudi Arabia	Iceland	Switzerland					Hungary	Spain *(Diplomatic only)*
Taiwan	Indonesia	Turkey					India	Sri Lanka
Ukraine	Ireland	UAE					Israel	Switzerland
Uzbekistan	Israel	UK					Italy	Tajikistan
	Italy	USA					Japan	Tunisia
	Japan	Vietnam					Korea (ROK)	Turkey
	Kuwait	* Brazil					Liechtenstein	Ukraine
	Liechtenstein	* Korea (ROK)						Uruguay
	Luxembourg	* Peru						
	Malaysia							

Department of Consular Affairs, 26 July 2016

Remarks

* Nationals of Brazil, Republic of Korea and Peru are entitled for tourist visa exemption scheme. Meanwhile, Thailand also holds bilateral agreements on visa exemption for holders of diplomatic, official and ordinary passports for a visit of not exceeding 90 days with Brazil, Republic of Korea and Peru.

** If such nationals enter the Kingdom at the immigration checkpoints which border neighboring countries, they will be allowed to stay for 15 days each time, except (1) Malaysian nationals who cross the borderline from Malaysia, (2) Nationals of the G7 countries: USA, UK, Canada, France, Germany, Italy and Japan, whose granted period of stay will not exceed 30 days each time.In addition, such nationals who hold diplomatic and official passports are also practically exempted from visa for tourism.

EXPERIENCING THAINESS AT ITS BEST

Thailand offers delegates and their spouses an unmatched plethora of tourism products and activities in which they can experience various aspects of Thainess before and after the Conference. Here is some of the multitude of choices.

EXPERIENCING Thainess at Its Best

Bangkok & Nearby Attractions

As the capital of Thailand, Bangkok is a display of merging the old with the new. Thus, visitors have fun exploring the diversity of the city's sights that also adds an element of surprise in seeing and experiencing the dynamic Thai culture and lifestyle.

National Museum of Royal Barges

The Royal Barge Procession, a royal ceremony that involves more than fifty gold-crafted barges, is one of the most spectacular events in the world.

The museum houses a precious collection of historic barges, some of which were built during the reign of King Rama I, more than two hundred years old. These barges are made of high-quality wood and beautifully decorated with vivid colors, mirrors and gold leaves. Suphannahong royal barge features the shape of a mystical swan. It was built in 1911 during the reign of King Rama VI and is one of the four main royal barges which are the vehicles of the king. Today, each royal barge procession consists of 52 boats, propelled by more than 2,000 rowers.

Bangkok Old Town by Tuk Tuk

Tuk tuks, three-wheeled motorized trishaws, are the most exciting means of transport in Bangkok. Use this fun transport to visit the old Bangkok to explore colorful fruit and flower markets and other well-known sights.

EXPERIENCING Thainess at Its Best

Classic River Voyage

Travel by long-tail speed boat on the picturesque Chao Phraya River and adjoining canals *(khlongs)* to see the serene family homes, temples and riverine way of life that give this city the apt name "Venice of the East".

Traditional Floating Markets

Are another charm of Thailand where the age-old way of life is depicted with numerous boats with vendors trading and bartering their wares of various mouth-watering dishes and exotic fruits and vegetables. There's the Taling Chan Floating Market, which maintains its pride as a classic river community; the Khlong Lat Mayom Floating Market, a market truly owned by the local people, Wat Saphan Floating Market located on Khlong Bang Noi, or the Damnoen Saduak Floating Market.

The Ancient City or Thailand

In miniature is a large open-air museum situated south of Bangkok. Some 100 major monuments and structures in one-third of their original size have been reproduced and placed as they are geographically located on the country's map. This museum was initiated to preserve Thai history and culture for future generations to gain knowledge about their country.

Rural Culture

Take a wonderful opportunity to see the traditional way of life and agriculture in Nakhon Pathom by a traditional long-tailed boat along the waterways to see flower farms of orchids and lotus blooms, as well as experience a local mini tractor (E-tan) to drive through the rice fields and fruit orchards.

A Few Days Getaway

BEACHES & ISLANDS

Thailand has so many beach and island destinations that have unspoilt tropical beauty and crystal clear sea on both the Gulf of Thailand and Andaman coasts awaiting visitors full of water-sports fun like diving, water skiing, paragliding, sailing, and jet skiing. Some of these include:

Pattaya

Two hour's drive southeast of Bangkok is Pattaya, colorful, vibrant and Thailand's most developed resort with a variety of accommodation catering to all. It is famous for its nightlife and the beautiful coral-fringed islands a short boat trip away.

Ko Samet in Rayong province and Ko Chang in Trat province

East of Pattaya offer small hideaway bays and crystal white sandy beaches for relaxing. Ko Chang also has opportunities for trekking to waterfalls in the jungle.

Hua Hin-Cha Am

These twin resorts offer a quieter and more restful enjoyment of sun, sea and sand with its variety of restaurants providing delectable food. Also visit the royal Summer Palace, explore Hua Hin Night Market, and visit Sam Roi Yot National Park. Accommodation choices meet every budget.

Ko Samui

Lying in the Gulf of Thailand, this island paradise boasts some beautiful beaches and coconut plantations, which offer a truly tropical paradise atmosphere. Visit the famous Angthong National Park for snorkeling, swimming and enjoy fresh seafood.

EXPERIENCING Thainess at Its Best

Phuket: "Pearl of the Andaman"

Enjoy Phuket, Thailand's premier beach destination where one can experience beautiful natural environments and the cultural aspects of the people of the South. Take a speedboat ride to James Bond Island and wander around a Muslim village built on stilts in the open sea.

Krabi

Just south of Phuket and Phan-nga Bay, Krabi has many limestone karsts similar to Phang-nga Bay while the countryside is dotted with rubber, pineapple, and coconut plantations. Enjoy visiting small islands with snorkeling and sea kayaking, and overnight at a beach resort on Ao Nang Beach.

ANCIENT HISTORY

For history buffs, visit the past glory of our ancient capitals of Sukhothai and Ayutthaya that are also UNESCO World Heritage Sites with their impressive ruins attesting to the architectural achievement of the Thai.

Alternatively, why not take a trip to Northeast Thailand or I-san that has traces of prehistory at Ban Chiang as well as a number of well-preserved Khmer monuments notably in Buri Ram and Korat, which are the finest examples of their kind outside Cambodia.

MOUNTAIN CULTURE

With a much cooler climate, verdant green mountains and forests, plus more, the following are for those who look for adventure.

Chiang Mai

Home of the ancient Lanna culture, is also the best starting point to visit indigenous hill tribes, go elephant trekking and river rafting, as well as shopping for handicrafts and tasting unique cuisine.

Chiang Rai

Thailand's most northern province is the location of the Golden Triangle where the borders of Thailand, Lao PDR. and Myanmar meet. Also take a visit to Mae Sai to the border market or take a boat trip along the Mekong River. Visit Doi Tung to discover how the Mae Fah Luang Foundation has replaced opium poppy cultivation with more valuable cash crops such as coffee and macadamia nuts.

Mai Hong Son

Located in the northwest, this province is full of verdant jungles, magnificent waterfalls, and elephant trekking. It is also where you can find the town of Pai that is a popular northern destination for the young.

Kanchanaburi

Located west of Bangkok, Kanchanaburi is renowned for its Bridge on the River Khwai as well as well-known waterfalls, pristine national parks, and virgin forests. Together they offer visitors an intriguing experience through a variety of eco and adventure activities; such as, rafting, bird and animal watching, elephant riding and jungle trekking.

Stepping Beyond Thailand

The Mekong & Malay Peninsula

As the Gateway to ASEAN, Thailand has excellent access to Indochina, which is now being added to many visitors' travel itineraries; thus, Thailand serves as a perfect stopping or starting point for expeditions into our neighboring countries. Vietnam has many international-class hotels and is continuously developing infrastructure. Cambodia holds a special ranking for many travelers with the magnificent Angkor Wat, considered as one of the greatest wonders of the world. Lao PDR. has remained unspoilt and is one of the best kept secrets of Southeast Asia. Start your trip in Vientiane, the modern-day capital and then head north to see the ancient capital of Luang Prabang, a World Heritage Site. Little-touched Myanmar is also on the agenda of seasoned travelers preferring more exotic destinations with rich culture and history. Recent developments allow the inclusion of Yunnan Province in South China as another regional travel choice, or even further to Guilin for its spectacular scenery, the hustle and bustle of Guangzhou, and Beijing to see the Forbidden City and Great Wall of China, or if it's shopping look for duty-free bargains in Hong Kong. Also, overland travel down the Malay Peninsula between Bangkok to Malaysia and onto Singapore has always been popular and easy to arrange.

THAILAND OFFERS AN ENDLESS CHOICE of pre and post tours and will surely entice delegates and their spouses to attend the IUPAC General Assembly and Congress 2021/2023 and have a most rewarding time.

THAILAND FACTS & FIGURES

THAILAND Facts & Figures

Geography

Thailand is located in the center of Southeast Asia sharing common borders with Malaysia, Myanmar, Lao PDR and Cambodia; as such, it is the natural gateway to ASEAN and the Greater Mekong Subregion. There are four distinctive regions; namely, Central; South; North; and North East; each with its own unique natural and cultural attributes.

Climate

Thailand enjoys a tropical climate with three distinct seasons: summer *(hot and dry)* from March through May, rainy *(hot and wet)* from June to October, and winter *(cool and dry)* from November through February. The average annual temperature is 28 degrees centigrade *(83 degrees Fahrenheit)*, with summer highs topping 40 degrees centigrade and winter lows reaching 20 degrees centigrade.

The People

There are approximately 67 million people in Thailand comprising 75% ethnic Thais, 14% Chinese, 11% Malays plus Lao, Indians, Burmese and ethnic hill tribes reflecting the country's long history at the crossroads of Southeast Asia.

Language

Thai is the national language. English is widely understood and spoken, particularly in Bangkok where it is almost the major commercial language. English and some other Asian and European languages are spoken in most hotels, more up-scale shopping malls and restaurants in major convention destinations, and Thai-English road and street signs are found nationwide.

Time

Thailand is seven hours ahead of Greenwich Mean Time (+7 hours GMT).

Business Hours

Most commercial concerns in Bangkok operate on a five-day week, usually from 8.00 a.m. to 5.00 p.m. and half day on Saturday from 8:30 to noon. Most department stores open seven days a week from 10.00 a.m. to 10.00 p.m. while some pharmacies open throughout the night. Government offices are generally open between 8.30 a.m. and 4.30 p.m. with a noon to 1.00 p.m. lunch break, Monday to Friday except on public holidays. Banks are open Mondays to Fridays from 8.30 a.m. to 3.30 p.m. except on weekends and public holidays. Licensed banking outlets in department stores and shopping malls stay open after official banking hours until 8.00 p.m. and remain open over weekends and public holidays. Restaurants serve from 7:00 a.m. to 10 p.m., though some open past midnight or 24 hours.

THAILAND Facts & Figures

Currency

The Thai currency called Baht is based on the decimal system. One Baht is divided into 100 Satang. Coins consist of 25 Satang, 50 Satang, one Baht, 2 Baht, 5 Baht and 10 Baht. Notes are in 20, 50, 100, 500 and 1,000 Baht denominations.

Inbound Passenger: Is allowed to bring in an unlimited amount of foreign and Thai currencies.

Outbound passenger: An unlimited amount of foreign currencies are permitted to be carried out of Thailand. However, the amount of 50,000 Baht or more in Thai currency must be reported on departure, except those traveling to Lao PDR., Myanmar, Cambodia, Malaysia, and Vietnam are allowed to take out Thai currency not exceeding 500,000 Baht.

Credit Cards & Currency Exchange

Foreign currency notes of all major currencies can be exchanged at any commercial banks, most hotels, and airports, as well as authorized money changers. Major credit cards (VISA, Master Card, American Express, Diners Club, and JCB) are accepted at all major banks, restaurants, hotels, department stores, and shops.

Health Regulations

As in most other countries, visitors do not require vaccinations unless coming from or passing through a designated contaminated area.

Customs

Personal: Customs regulations allow visitors to bring in a reasonable amount of personal effects, a still camera, video camera, 200 cigarettes or 250 grams of cigars or smoking tobacco, and one liter of alcoholic beverage. Narcotics, counterfeit goods, and pornography are strictly prohibited.

Professional: The import of stationery items for use during conventions is not subject to import duties, as is professional presentation equipment imported under an ATA Carnet.

VAT Refund

Visitors entering the Kingdom on a tourist visa are entitled to a refund of 7% V.A.T. on goods purchased at registered retails outlets displaying "VAT Refund for Tourists" signs.

Electricity

Electrical outlets are 220 volts, 50 cycles and accept flat-pronged plugs. Travelers with shavers, hair dryers, IT gadgetry, and appliances should carry a plug adapter kit. Usually large hotels will have 110-volt transformers available for guests.

Medical & Emergency Support

Thailand is highly advanced in health care and is entrusted not only by neighboring countries but also by Western medical circles. The country has 47 JCI accredited hospitals that are ultra-modern in all aspects, and emergency services are effective and reliable.

WE LOOK FORWARD TO WELCOMING YOU IN THAILAND!

Proposed by:
The Chemical Society of Thailand

TCEB

Supported by:
Thailand Convention & Exhibition Bureau - TCEB

The IUPAC
The Bidbook
The Conference
The **Hague.**

The Hague Convention Bureau

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2511 BH The Hague
The Netherlands

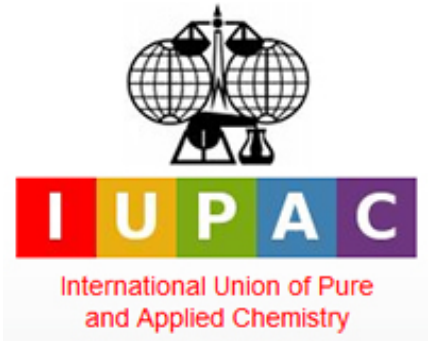
info@theconferencethehague.com

+31 (0)7 0361 8888

The Conference™
The **Hague.**

Bidbook for IUPAC General Assembly & World Chemistry Congress 2023

20 – 25 August 2023



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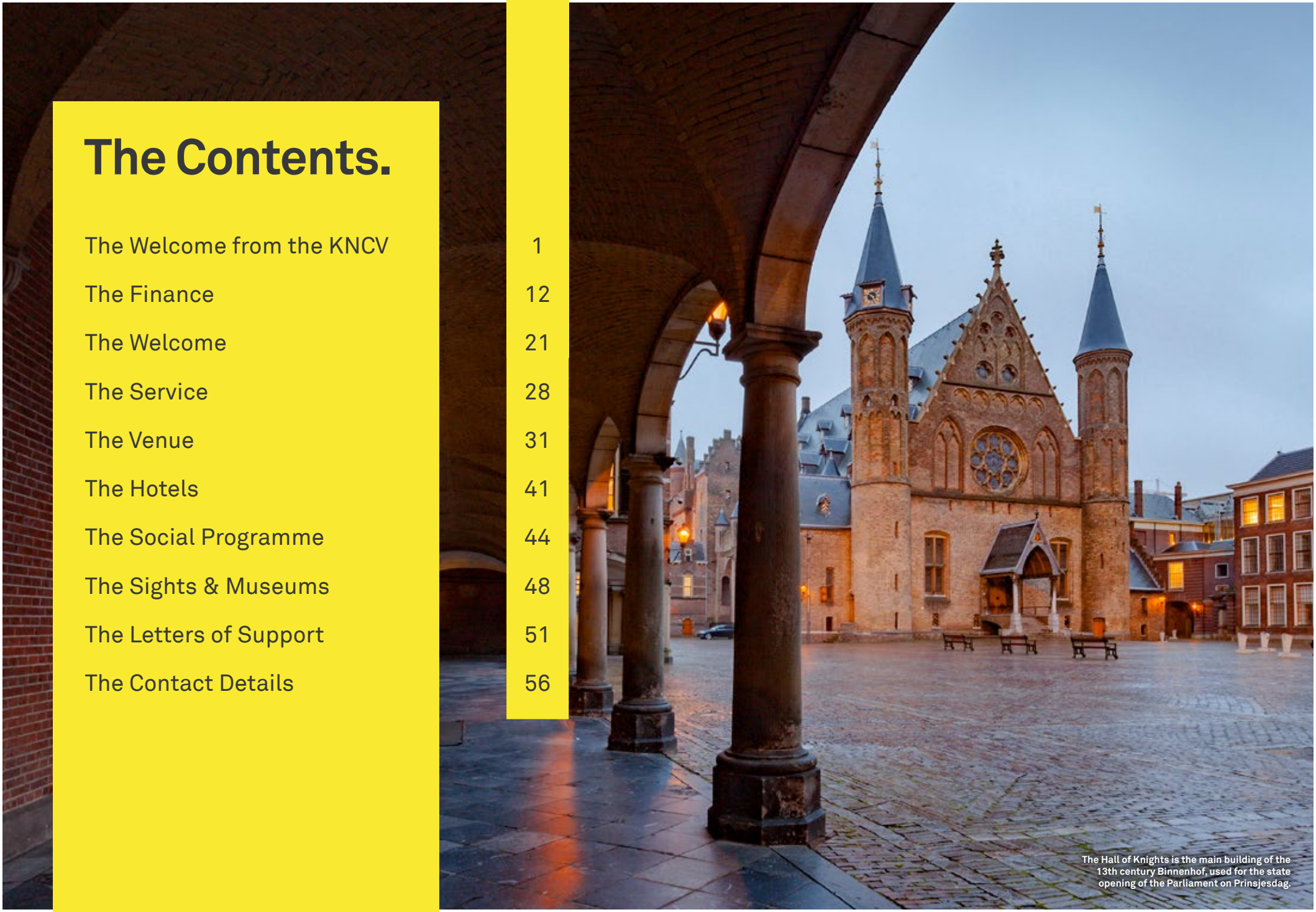
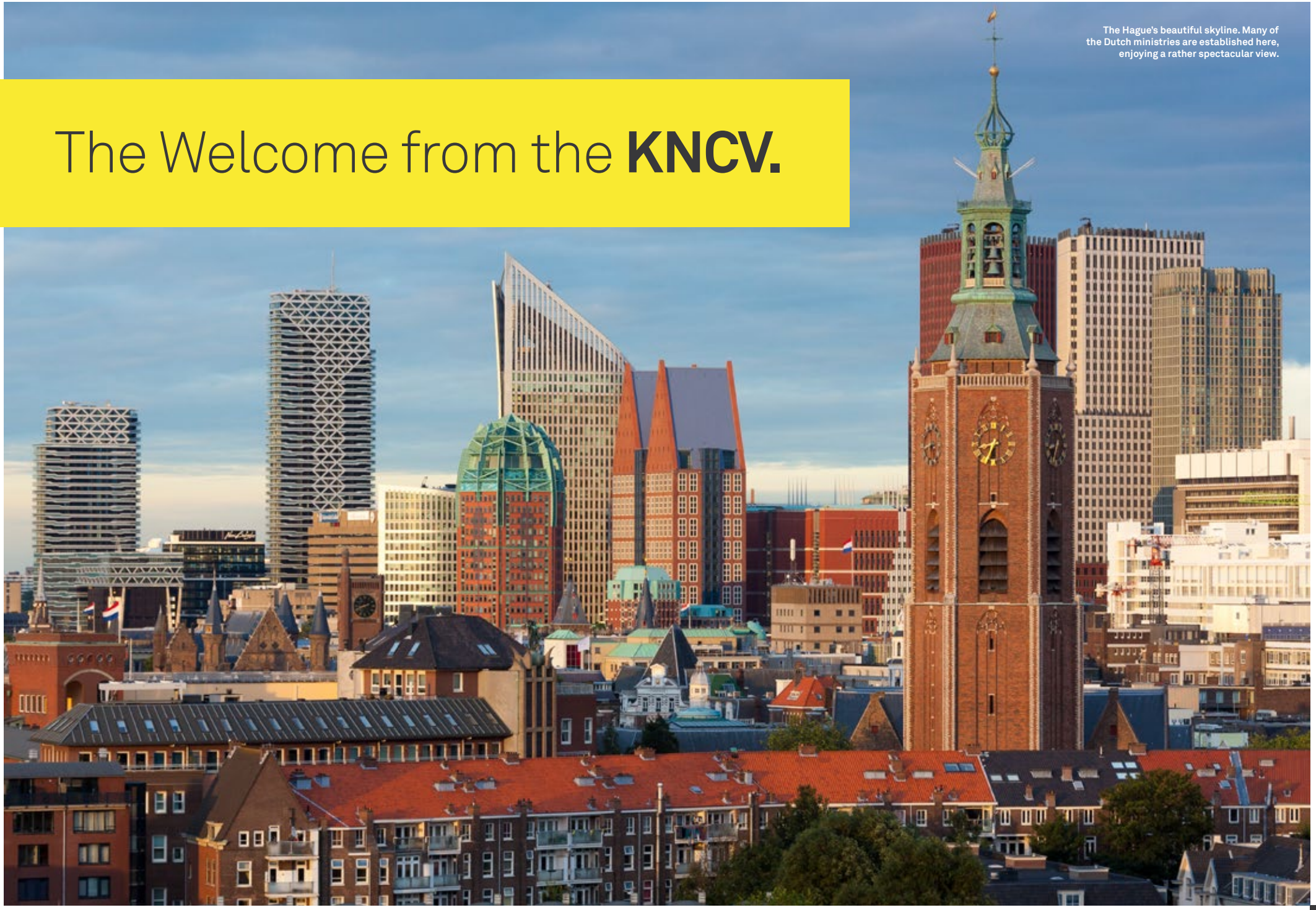


The Hall of Knights is the main building of the 13th century Binnenhof, used for the state opening of the Parliament on Prinsjesdag.

The Welcome from the **KNCV.**



The Hague's beautiful skyline. Many of the Dutch ministries are established here, enjoying a rather spectacular view.

The Welcome from the **KNCV.**

On behalf of the Royal Netherlands Chemical Society (KNCV) and the local committees, we warmly invite the participants of the 49th IUPAC World Chemistry Congress 2023 and the delegates of the 52nd General Assembly to the city of The Hague, The Netherlands.

We share your vision that bringing together the chemical scientific community in this international meeting will be of pivotal importance to present the most outstanding and relevant developments in modern chemistry as well as to inspire a young generation of chemists.

Prof. dr. Floris Rutjes
President of the KNCV

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President of the KNCV

"It would be a great honour and pleasure to host the IUPAC General Assembly & World Chemistry Congress 2023 in the city of The Hague on the occasion of the 120 years anniversary of the Royal Netherlands Chemical Society in 2023"

The Chemistry in the **Netherlands.**

120 years Royal Netherlands Chemical Society (KNCV) in 2023

Founded in 1903, the KNCV is the professional association of chemists, life scientists and process technologists in the Netherlands. Our member base consists of 8,500 members with a passion for molecules. They jointly aim to bring the variety and richness of the molecular field to life, to operate in business, education and government or study at universities of applied science and research universities in the Netherlands. Due to the actively participating student population, approximately 30% of our members is younger than 35 years. We are looking forward to celebrate our 120th anniversary by amongst others organising the IUPAC General Assembly & World Chemistry Congress for the first time in The Netherlands.

Strong academic network

The Netherlands has a very strong academic history, with many Nobel Prize winners, particularly in physics and chemistry. Despite the limited country size, and despite the relatively modest government funding, Dutch universities do surprisingly well in the international rankings. This is also termed the Dutch paradox. Being a small country has always driven the Dutch to collaborate and extend their window of view, not only in trading but also in teaching. Most master degree courses at the universities are taught in English, and also many bachelor degrees are currently provided in English. Going with the flow of distance-learning, massive open online courses are currently offered to a large international audience by several universities with great success. The University of Groningen has this year opened a branch campus in Beijing, China, thereby further emphasizing the importance of internationalization.

The scientific backbone

A long and sound tradition in the chemical industry and a wide network of top universities has resulted in a significant number of leading names in chemistry. The Netherlands is in several areas of chemistry world class, such as supramolecular chemistry, catalysis, and bio-organic chemistry.

Prof. Ben Feringa, received the Nobel Prize 2016 for the discovery of the ‘molecular motor’, a light-driven rotating molecule and applications therefore Prof. Bert Meijer is world famous for landmark contributions in the field of polymers including dendrimers and non-covalent supramolecular polymeric materials. The Dutch catalysis society is well-known, headed in the past by famous names such as Profs. Gerard van Koten, Piet van Leeuwen and Rutger van Santen, and nowadays by equally talented and internationally respected successors including Profs. Reek and Weckhuysen. Recently, Prof. Wilhelm Huck was awarded the Spinoza Prize from the Netherlands Organization for Scientific Research (NWO) for his work to unravel the chemistry in the cell and attempts to construct artificial life. In the relatively new field of chemical biology, important contributions have been made by ERC Advanced Grant awardees Profs. Jan van Hest and Hermen Overkleeft, both developing chemical probes to elucidate biological mechanisms in the cellular environment.

The entrepreneurial spirit

The Netherlands host a strong chemical industry with an annual turnover of nearly €60 billion. Close to 20 of the 25 largest chemical companies in the world own production locations in the Netherlands. Overall, the chemical sector offers employment to 57,000 people spread over 400 companies, rendering it the second largest industry in the Netherlands. Almost 20 percent of the total Dutch export is accounted by the chemical sector. In other words, the Dutch chemical sector owes its success to an entrepreneurial spirit, an excellent scientific backbone, a remarkable talent to get things organised and a natural ability to cooperate.

Public private cooperation

Dutch research extends far beyond the walls of the traditional academic environment. It takes place in interdisciplinary research and collaboration. Internationally, The Netherlands is famous for its many successful examples of public-private partnerships (PPPs), like the Advanced Research Center Chemical Building Blocks Consortium (ARC CBBC). This consortium focuses on breakthroughs in science and technology that are required to synthesize new and existing chemical building blocks in a more sustainable manner. ARC CBBC is a joint research center initiated by industry (BASF, AkzoNobel & Shell), key knowledge institutes (Utrecht University, University of Groningen, and Eindhoven University of Technology), NWO, and the Ministry of Economic Affairs exchanging state-of-the-art knowhow, ideas and infrastructures. The research center links pioneering science to complex societal issues, potentially leading to vital breakthroughs to sustainably meet future demand for energy and materials.

The **Conference.**

The Royal Netherlands Chemical Society (KNCV) is confident that it can provide the IUPAC congress with an interesting contemporary as well as a future oriented scientific program. We will invite eminent speakers from all over the world in scientifically and societally relevant fields of chemistry and related disciplines.

International scientists will be invited to chair sessions in their specialty. We are expecting to have nine plenary lectures, at least 25 specific symposia and six poster sessions. A program committee will be composed of domestic and foreign scientists including the IUPAC Division chairs.

Chemistry beyond the molecular frontier

- Molecular motors, scope and progress
- Synthetic cell, the cell as a chemical factory which imports, synthesizes, uses, exports and degrades a variety of chemicals
- Synthetic biology, a new emerging scientific field where ICT, biotechnology and nanotechnology meet and strengthen each other
- C-H activation, catalysis focusing on the design and synthesis of new reagents and catalysts that can effect selective C–H activation.

Chemistry related to health

- Organic chemistry, medicinal chemistry, paper chemistry and natural products chemistry for instance for the prevention and cure of infectious diseases.

Chemistry related to the environment

- Green chemistry, plastic soup removal, circular economy, biobased economy including solar fuels and food safety technology.

Chemistry for smart materials

- New performance materials, self-healing concepts, supramolecular polymers, innovative coatings.

Young Chemist **Programming.**

Programs and financial support for young researchers and scientists from economically disadvantaged countries will be available.

We will create a dynamic environment for young chemists during the 52nd IUPAC General Assembly and Congress 2023. Early career chemists are often searching for their place within the global chemical community.

With our bursaries we aim to bring selected emerging talents to the congress. These talents will be selected worldwide by the National Adhering Organizations of IUPAC.

- Travelling costs and registration fees will be covered for these selected young talents
- Dedicated slots in the congress programme will be provided to present their research
- These talents will be invited to the Young Observers programme of IUPAC
- These talents will be given the opportunity for networking with industry.

We create a meeting space within the congress building that is available for everyone to meet each other, but with a special focus on young researchers to actively undertake networking activities. It will also be used to host amongst others the following events:

- Career advices for the early career chemists
- Speed dating sessions between young chemists and industry representatives, and prominent speakers of the congress.

Following the success of for example the European Young Chemists Network sessions during the EUCheMS congresses, we will provide a parallel session organised for and by the Young chemists. Topics amongst others involve:

- Experience of alumni of international fellowships like Marie Sklodowska Curie actions
- Soft skills and secondary topics related to research in academia and industry
- Ig Nobel prize laureates of chemistry.

We will invite the following organizations to co-organise these events:

- The young chemists' department of the Royal Netherlands Chemical Society (Young KNCV)
- International Younger Chemists Network (IYCN) and its members
- Partners in Industry.

Proposed site visits

- Organisation for the Prohibition of Chemical Weapons (OPCW), The Hague
- Brightlands Chemelot Campus Maastricht; world-leading innovation location and home to a vibrant and fast-growing open community of groundbreaking companies and knowledge institutes that lead research, business and education in chemistry, materials and related life sciences
- Leiden BioScience Park; leading life sciences cluster in the Netherlands ranking among the top five most successful science parks in Europe
- Wageningen University & Research Center on agri/food research
- Amsterdam Science Park; home to one of the largest concentrations of betasciences in Europe
- Pivot Park in Oss: campus for open innovation in the life sciences. For start-ups and existing companies.

Local Organising **Committee.**

We have assembled a Local Congress Organising Committee (LOC). The Local Organising Committee shall be responsible for overseeing the planning and general organization of the conference. They will work with the IUPAC representatives to ensure that a high quality, professional conference is delivered.

Local Organising Committee Chair

Prof. dr. F.P.J.T. Rutjes,
Synthetic Organic Chemistry,
Radboud University, Nijmegen

Committee Members

Prof. dr. H.S. Overkleeft,
Bio-organic Synthesis,
Leiden Institute of Chemistry

Prof. dr. M. Tromp,
Spectroscopy in Catalysis,
University of Amsterdam

Dr. Ir. R. Hilhorst,
Senior Scientist at PamGene International BV

Prof. dr. J.H. van Esch,
Department of Chemical Engineering,
Delft University of Technology

Mr. drs. M.J.W. Toering,
Managing director KNCV

Designation and description of the Local Organising Committee (LOC)

The full list of LOC members is incomplete for this moment and will be completed after gaining the nomination.

Scientific Committee

The scientific programme will be provided by the International Scientific Programme Committee, to feature the best international speakers and a wide programme of subject areas across the spectrum of Chemical Science in plenary and parallel session formats.

Scientific Programme Committee Chair

Prof. dr. Ben Feringa.

Prof. dr. Floris Rutjes

President of the KNCV,
Professor at Radboud University

Floris Rutjes received his PhD at the University of Amsterdam in 1993 under the supervision of Profs. Speckamp and Hiemstra.

After a post-doctoral stay with Prof. Nicolaou at The Scripps Research Institute (La Jolla, USA) and an assistant professorship at the University of Amsterdam, he became full professor in organic synthesis at Radboud University in Nijmegen in 1999.

His research interests comprise the application of catalysis in the synthesis of biologically relevant molecules, the development of new bioorthogonal click-probes for chemical ligation, and continuous flow synthesis in microreactors.

He has published over 300 scientific papers and patents and supervised more than 50 PhD-students. He has received several awards including the Gold Medal of the Royal Netherlands Chemical Society (KNCV, 2002) and the AstraZeneca Award for Research in Organic Chemistry (2003).

He is co-founder of the companies Chiralix, FutureChemistry and Pansynt, and in 2008 received the award of 'Most entrepreneurial scientist of the Netherlands 2008'. Within the Dutch Top Sector Chemistry, he was responsible for setting up a national network of ten Innovation Labs (www.ChemieLink.nl), which are incubators close to the universities where entrepreneurial chemists can make the first steps to create their own startup companies.

He was for a period of eight years director of the Education Institute for Molecular Sciences, and currently holds the position of Vice-dean of Education of the Faculty of Science.

In this role, he is responsible for all degree programmes at the Bachelor's and Master's level. He has also been active in the Royal Netherlands Chemical Society (KNCV). He has served on the board of both the divisions of medicinal chemistry and organic chemistry, he acted four years as chairman of the KNCV Gold Medal selection committee, and has become President of the KNCV in 2016.

Prof. dr. Hermen Overkleeft

Leiden Institute of
Chemistry, Leiden University

Hermen Overkleeft studied chemistry at the University of Amsterdam, where he obtained his Master's degree in 1992, and his PhD degree in 1997 on his Thesis entitled 'Azasugars. Synthesis and evaluation as glycosidase inhibitors' (promotor Professor Dr Upendra Pandit).

From 1997 to 1999 he was postdoctoral researcher at Leiden University (supervisor Professor Dr Jacques van Boom) and from 1999 to 2001 he was postdoctoral researcher at the Harvard Medical School (supervisor Professor Dr Hidde Ploegh). Since 2001 he is Professor in Bioorganic Chemistry at the Leiden Institute of Chemistry, Leiden University.

He is the recipient of several Grants and Awards, including an ERC Advanced Grant (2011), the Golden Medal from the Royal Dutch Chemical Society (2008); a Wilhelm Friedrich Bessel Forschungspreis from the Humboldt Foundation (2012) and the Jeremy Knowles Award from the Royal Chemical Society (2015).

He is co-author on over 400 publications ranging a wide number of topics from organic synthesis, chemical biology, glycobiology oncology and immunology (h-index 48). His current research interests include the design, synthesis and application in medicinal chemistry and chemical biology research of inhibitors for glycosidases, glycosyl transferases and proteases.

Prof. dr. Moniek Tromp

Professor at University of Amsterdam

Moniek Tromp finished her MSc in Chemistry, with specialisations in spectroscopy and catalysis, at the University of Utrecht (Nld) in 2000. She then obtained a PhD from the same university, in the fields of homogeneous catalysis and time-resolved X-ray absorption spectroscopy with Profs. Koningsberger and van Koten. After finishing with distinction ('cum laude', greatest honours possible) in 2004, she moved to the University of Southampton (UK) for a Post-Doctoral Research fellowship in the fields of heterogeneous catalysis and spectroscopy. In 2007, she was awarded an EPSRC Advanced Research Fellowship to start her own independent academic career (and became lecturer). She moved to Germany in 2010, where she took up a position as professor in Catalyst Characterisation at the Technical University Munich. In 2014, she decided to come back to the Netherlands, where she is now working at the University of Amsterdam.

She has been awarded prestigious fellowships/awards like the EPSRC Advanced Research Fellowship and the NWO VIDI. She is active in numerous science advisory and review panels of large research facilities and universities internationally (e.g. chair of the Peer Review Committee of the Swiss Light source, in the Scientific Advisory Committees of synchrotron facilities in France, Switzerland, Schweden and the United Kingdom), has published over 80 papers in high profile journals and given over 70 invited lectures worldwide.

She is in the board of the Dutch Catalysis Society (of the KNCV). She is part of the organising committee of the annual conference on Catalysis in The Netherlands and secretary of the organising committee of the EuChems Organometallic Conference (2017, Amsterdam) and the International Homogeneous Catalysis Conference (2018, Amsterdam). Gender and diversity are important for her and she has been active as Gender Equality Officer (D) and now developing programs for primary school on science and engineering as well as gender bias issues.

Dr. ir. Riet Hilhorst

Senior Scientist
PamGene International BV

Riet Hilhorst finished her MSc in Molecular Sciences cum laude with specialisations in Biochemistry and Molecular Physics at Wageningen University. As part of her education she spent 6 months in the Biochemistry Department of the University of Otago in Dunedin, New Zealand. In 1984 she obtained a PhD in Biochemistry at the same University with a thesis entitled "Enzymatic Reactions in Reversed Micelles". In 1985 she won the Research Price of Wageningen University.

From 1984 till 1986 she developed and taught Biochemistry practicals at the University of Ouagadougou in Burkina Faso. In 1986 she was appointed lecturer of Applied Enzymology at the Department of Biochemistry of Wageningen University. In 1990 she was Adjunct associate professor at the Department of Chemistry of Penn State University in State College, PA, USA. In 2001 she became senior scientist at PamGene International BV in 's-Hertogenbosch, where she was involved in customer support and lead projects on assay and array design, assay development, quality control and biomarker discovery, as well as exploring more fundamental aspects of kinases and phosphatases and their interplay, with a focus on Alzheimers'disease and cancer.

Her scientific work has resulted in over 70 scientific publications in refereed journals, many invited lectures and 9 patent applications.

She was cofounder and board member of YELS.net, a network for entrepreneurs in Life Sciences, vice-present and president of the Netherlands Biochemical Society and appointed honorary member of that society. Since 2015 she is board member of the Netherlands Royal Chemical Society. She organised many meetings for YELS.net and was member and president of the organising committee of the Netherlands Biotechnology congress in 2005 and 2007 respectively.

Prof. dr. Jan H. van Esch

Professor at Delft University of Technology

Jan H. van Esch is professor of chemistry at the Department of Chemical Engineering of the University of Delft, and he is chairing the Advanced Soft Matter group. He is a supramolecular and physical organic chemistry scientist with a PhD from Radboud University (1993, Prof. Nolte), and worked from 1995-2007 with prof. Ben Feringa at the University of Groningen. His research focusses on directed self-assembly and far-from-equilibrium phenomena in molecular systems, and exploitation of such systems in smart materials and biomedical applications.

He is recipient of fellowships of the Humboldt Foundation and the Royal Netherlands Academy of Arts and Sciences (KNAW), and a VICI grant from the Netherlands Foundation of Scientific Research (NWO).

Amongst other activities, he is director of the TU Delft MSc program in Chemical Engineering, board member of the Royal Netherlands Chemical Society (KNCV), coordinator of an FP7 European training network SMARTNET, and MT member of the European COST action “Emergence and evolution of complex chemical systems”.

Mr. drs. Jan-Willem Toering

Director of the KNCV

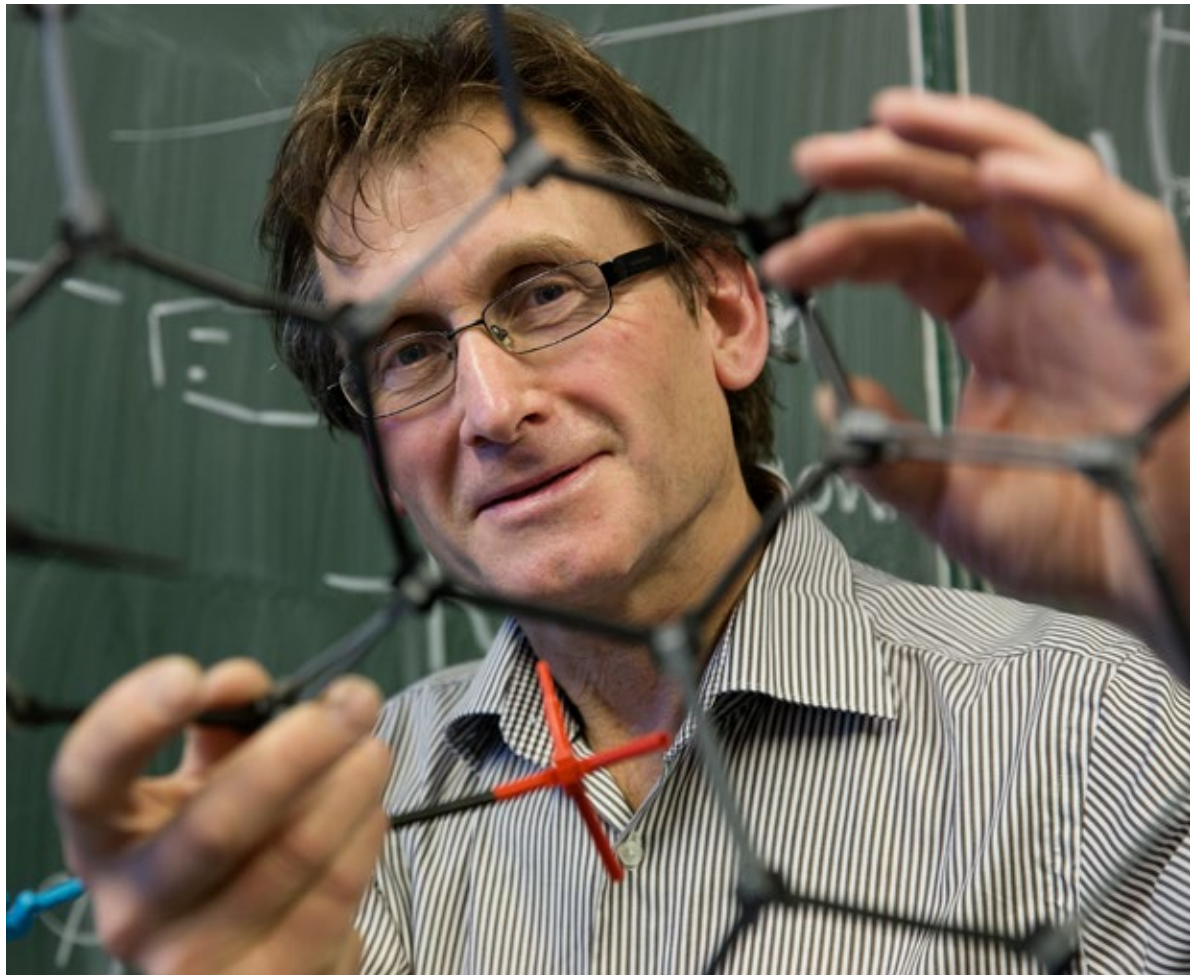
Jan-Willem Toering attended Utrecht University where he graduated in law, in 1991. He holds a MSc (Business Administration) from Radboud University Nijmegen. After serving in the Royal Netherlands Navy as aid the-camp of the Commander Netherlands Forces in the Caribbean, he joined the Ministry of General Affairs, Netherlands Government Information Services and served as a spokesman for members of the Royal House of the Netherlands.

Following several years in public service, he started at BASF in different positions and joined the management team as Head of Communications, responsible for public relations campaigns in order to improve the mutual understanding between the chemical industry and its stakeholders.

Next to his responsibilities at BASF, he served on the board of the Royal Netherlands Chemical Society (KNCV) and acted as a chairman of the supervisory board of Bèta Publishers, the publishing company of KNCV.

In 2006 Toering took over the family business and worked as an independent entrepreneur. As of March 2014 Mr. Dr. Toering has been appointed as managing director KNCV.

The Chair Scientific Programme **Committee.**



Nobel Prize winner Prof. Dr. Ben Feringa

We are proud to announce that Professor Dr. Ben Feringa, winner of the 2016 Nobel Prize in Chemistry, will be the chairman of the Scientific Programme Committee. Professor Dr. Feringa has been a Professor of Chemistry at the University of Groningen since 1988. His 1999 discovery of the 'molecular motor' - a light-driven rotary molecular motor - is widely recognized as a spectacular scientific breakthrough.

Professor Dr. Feringa, honorary member of the KNCV, is regarded as one of the best scientists of our time, both within the Netherlands and worldwide. His research performance is exceptional, as witnessed by the many breakthroughs he has achieved in various fields of chemistry, including organic synthesis, catalysis, supramolecular chemistry and nanotechnology. He is generally regarded as one of the world's most creative and productive chemists and is internationally recognized as a pioneer in the field of molecular engines.

One of the potential applications of his engines is the delivery of medication inside the human body. Besides molecular engines, Professor Dr. Feringa is involved in catalysis and smart medication that can, for instance, be switched on and off by light.

The **Finance.**

The **Finance.**

Budget

We will make every effort to keep delegate registration fees as low as possible for all participants. We will centrally support student travel bursaries through an assigned fund, which we aim to increase in volume towards the 2023 meeting. We will offer all facilities for the General Assembly and Council, such as meeting rooms, catering and technical equipment.

Registration Fees

The proposed delegate fees are:

• General Participants	€850.00
• IUPAC Members	€425.00
• IUPAC Delegates	€425.00
• IUPAC Affiliated Students	€425.00
• KNCV Members	€350.00

All participants, members and delegates will receive entry to all scientific sessions, coffee breaks, welcome reception, delegate bag and materials for this fee.

Speakers

Invited plenary speakers will receive complimentary registration, accommodation, airfare and other travel expenses paid for by the conference. Other invited speakers will receive complimentary registration.

Student supports

In addition to the rather low registration fee for students, we will make an effort to facilitate that student participants will attend the conference. There will be a strong local bursary programme and we will provide a range of low budget accommodation options for students and economically disadvantaged country participants which are very close to the conference venue.

Bursaries

We are committed to assist student participants to attend the conference (we will raise a fund) and will have an application process for bursaries. Each awardee will receive free conference registration and some will additionally receive travel and accommodation assistance.

Local Support

Institutions, organizations and companies:

- City of The Hague
- The Hague Convention Bureau
- Dutch Ministry of Economic affairs
- Royal Netherlands Academy of Arts and Sciences (KNAW)
- Netherlands Organisation for Scientific Research (NWO)
- Netherlands Organization for applied scientific research (TNO)
- Twente University
- Radboud University
- University Groningen
- Eindhoven University of Technology
- Utrecht University
- University of Amsterdam
- VU University of Amsterdam
- Wageningen University
- Leiden University
- ARC CBBC
- Shell
- AkzoNobel
- DSM
- Friesland-Campina
- Mercachem
- BASF
- DOW.

Financial support by the municipality of The Hague

Financial support through The Hague's conference subvention fund of €40,000. This amount can be used for example for public transport tickets for all delegates or anything else such as (parts of) the of social program, development of educational program etc.

To be able to make use of this money, it is obliged to complete an application form that includes details of the objectives, number of delegates, duration of the conference, budget at a glance etc. The Hague Convention Bureau can assist you in this application process.

Attendance Building
Offering a complimentary promotion booth including staff at the preceding Congress of IUPAC to boost The Hague attendance and answer all questions your delegates may ask.

Delegate experience
Offering a complimentary tourist information desk at the World Forum during your conference in The Hague in 2023.

Pre-financing & Guarantee Fund (VGF)

The Pre-financing & Guarantee Fund (VGF) is committed to help IUPAC and offers a pre-financing scheme and a guarantee scheme for the conference. The Pre-financing scheme and the guarantee scheme both offer a maximum risk migration of € 90,000, i.e. €180,000 in total.

The Pre-financing & Guarantee Fund (VGF) was set up over 25 years ago, and was an initiative of the Netherlands Board of Tourism & Conventions (NBTC), the Ministry of Economic Affairs, and some twenty organizations in the Dutch conference industry. The Pre-financing & Guarantee Fund (VGF) is intended to give organisers of international, multiple-day conferences in Holland increased financial security. The fund helps conference organisers to cover preconference expenses, and other financial risks. It encourages organisers to realize conferences. The VGF combines two separate schemes; a pre-financing scheme and a guarantee scheme. VGF offers you the possibility to use these two schemes separately, or to combine the two.

The pre-financing scheme

In the preparatory stages of the conference, you have to deal with various aspects that must be paid for. Examples are the costs for establishing a foundation, a down payment for the accommodation, and expenses incurred for developing marketing tools, such as a brochure, first announcement, or website.
As the registration fees will not be received until later, the organisers may not always be able to fund these initial expenses. The pre-financing scheme of the VGF can help to pay these costs. Conference organisers may apply to the VGF for an interest-free loan, free of charge; a kind of subsidy scheme for conferences.

The guarantee scheme

All conference budgets have expenses and income. A limited risk only is attached to the costs, because conference organisers can benefit from the knowledge, experience and the stable infrastructure of the conference industry. The income, however, is less solid. Most of the income, apart from possible sponsoring, comes from the registration fees of the attendees. This is exactly where the main risk lies for organisers. If the attendance level falls short of expectations, this yields less income, which will impact the overall conference budget.
In order to minimize this risk, the VGF offers the possibility of a guarantee. This guarantee allows the conference organization to guarantee that the event will take place, in spite of possible disappointing numbers of attendees.

The guarantee is capped at € 90,000, and the actual amount depends on various aspects, such as the size of the conference, the history of the conference, possible sponsoring, and the overall budget. Moreover, the budget must have been drawn up competently.

The **Budget.**

Expenses	#	€/#	Budget
Venue			
World Forum rental General Assembly and Congress			€175,000
Rental additional furniture (registration desk, cocktail tables)			€5,000
Audiovisual equipment including technical assistance			€80,000
Speaker service centre			€20,000
Wifi			€20,000
Additional costs World Forum (cloakroom, first aid, event support, traffic support, cleaning, setting)	2,000	7.50	€15,000
Staff World Forum (Stage manager, ICT Support, security, hostesses)			€20,000
Signage and decoration venue			€15,000
Photo and video recordings			€5,000
Copy machines			€5,000
Postersboards and materials	750	40	€30,000
Exhibition furniture			€10,000
			€400,000

Catering	#	€/#	Budget
Coffee breaks (Friday-Friday)	24,600	5	€123,000
Lunch (Closing Ceremony only)	2,000	40	€80,000
Reception Council Delegates (Friday)	250	22	€5,500
Welcome reception (Sunday)	2,000	22	€44,000
Dinner Bureau	60	80	€4,800
Congress dinner including entertainment	750	100	€75,000
Catering furniture			€2,000
			€334,300
Total venue and catering			**€734,300**
Faculty / Membership	**#**	**€/#**	**Budgeted**
Travel and hotel costs organisation	10	1,000	€10,000
Travel and hotel costs invited plenary speakers	9	2,000	€18,000
Ground transportation	9	100	€900
			€28,900
Total faculty / membership			**€28,900**

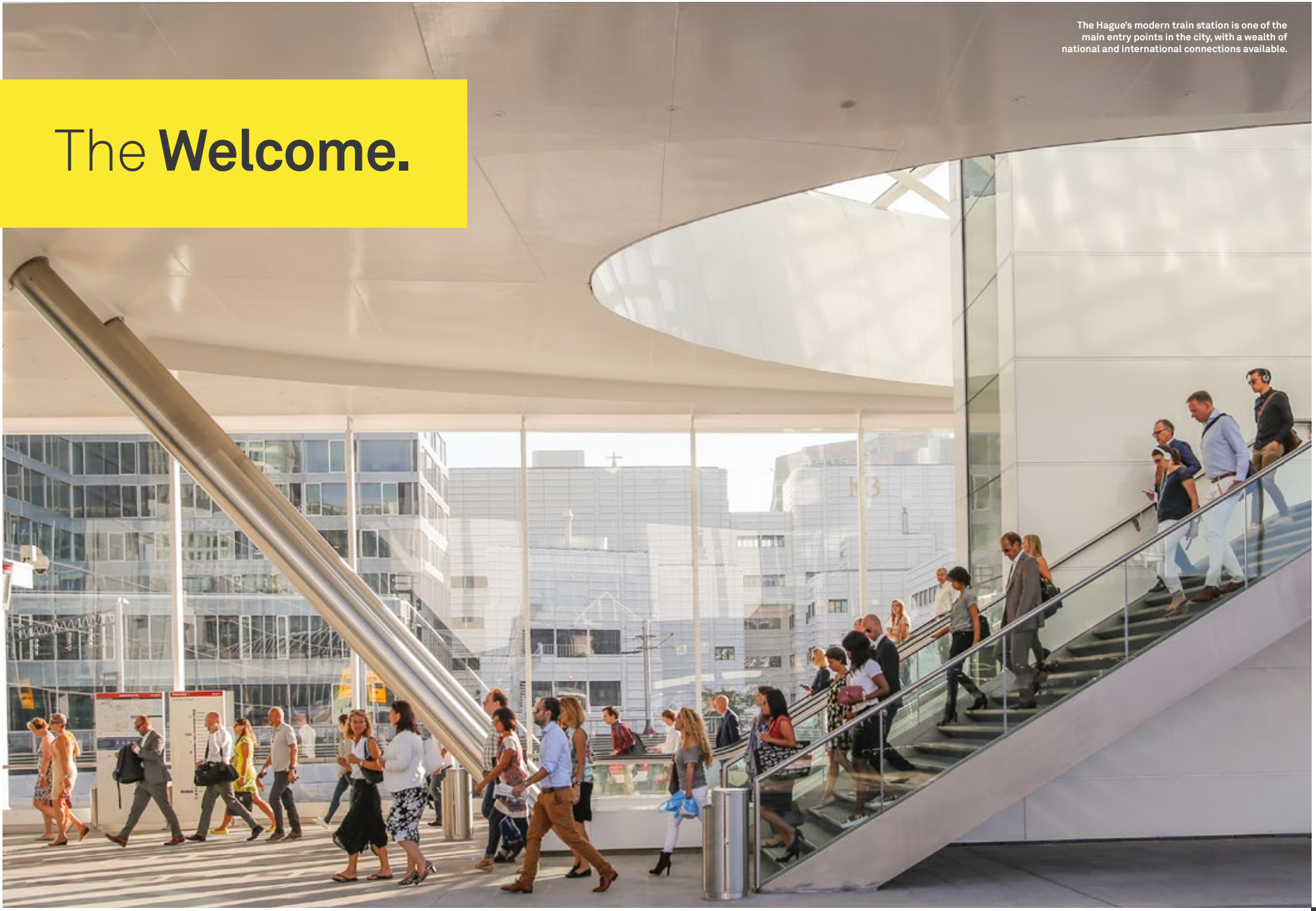
PR and Promotion	#	€/#	Budget
Website (design & hosting)			€1,500
Design			€2,500
Abstract publication		pm	
Conference app (software)			€5,000
Advertisements, banners, etc.			€5,000
Promotion during previous congress			€10,000
			€24,000
Conference Materials	**#**	**€/#**	**Budget**
Badges	2,000	2.50	€5,000
Lanyards	2,000	1.50	€3,000
Conference bags	2,000	10.00	€20,000
			€28,000
Total suppliers			**€52,000**
Organisation	**#**	**€/#**	**Budget**
Projectmanagement hours Congress by design	850	90	€76,500
Abstract management Congress by design	2,000	20	€40,000
Delegate registration Congress by design	2,000	15	€30,000
Staffing (7 days, 5 persons, 10 hours)	350	40	€14,000
Travel and accommodation Congress by design			€4,000
			€164,500
Total organisation			**€164,500**

Miscellaneous	#	€	Budget
Bank and creditcard charges (3%)			€33,315
Insurances			€5,000
Bursaries			€40,000
			€78,315
Total miscellaneous			**€78,315**
Total costs, excl. VAT			**€1,058,015**
Unforseen	6%		€63,481
VAT (average)	18%		€201,869
Total costs, incl. VAT			**€1,323,365**

Income	#	€/#	Budget
General Assembly			
IUPAC Members, representatives of member organizations	300	-€	-
Congress			
IUPAC Members early	125	375	€46,875
IUPAC Members late	25	425	€10,625
IUPAC Delegates early	125	375	€46,875
IUPAC Delegates late	25	425	€10,625
IUPAC Affiliates regular, early	75	695	€52,125
IUPAC Affiliates regular, late	25	750	€18,750
IUPAC Affiliates student, early	125	375	€46,875
IUPAC Affiliates student, late	80	425	€34,000
IUPAC Affiliates guests, early	50	325	€16,250
IUPAC Affiliates guests, late	25	375	€9,375
General participants early	500	775	€387,500
General participants late	200	850	€170,000
KNCV Members early	325	300	€97,500
KNCV Members late	150	350	€52,500
KNCV Members student, early	80	350	€28,000
KNCV Members student, late	50	375	€18,750
KNCV Members guests, early	10	250	€2,500

KNCV Members guests, late	5	275	€1,375
Free participants	50	-	€ -
Gala Dinner tickets	750	80	€60,000
			€1,110,500
Sponsoring			
Funding The Hague Convention Bureau	1	40,000	€40,000
Exhibitors (500 m2)	1	100,000	€100,000
Sponsoring	1	100,000	€100,000
			€240,000
Total income			**€1,350,500**
Result			**€27,135**

The **Welcome.**



The Hague's modern train station is one of the main entry points in the city, with a wealth of national and international connections available.

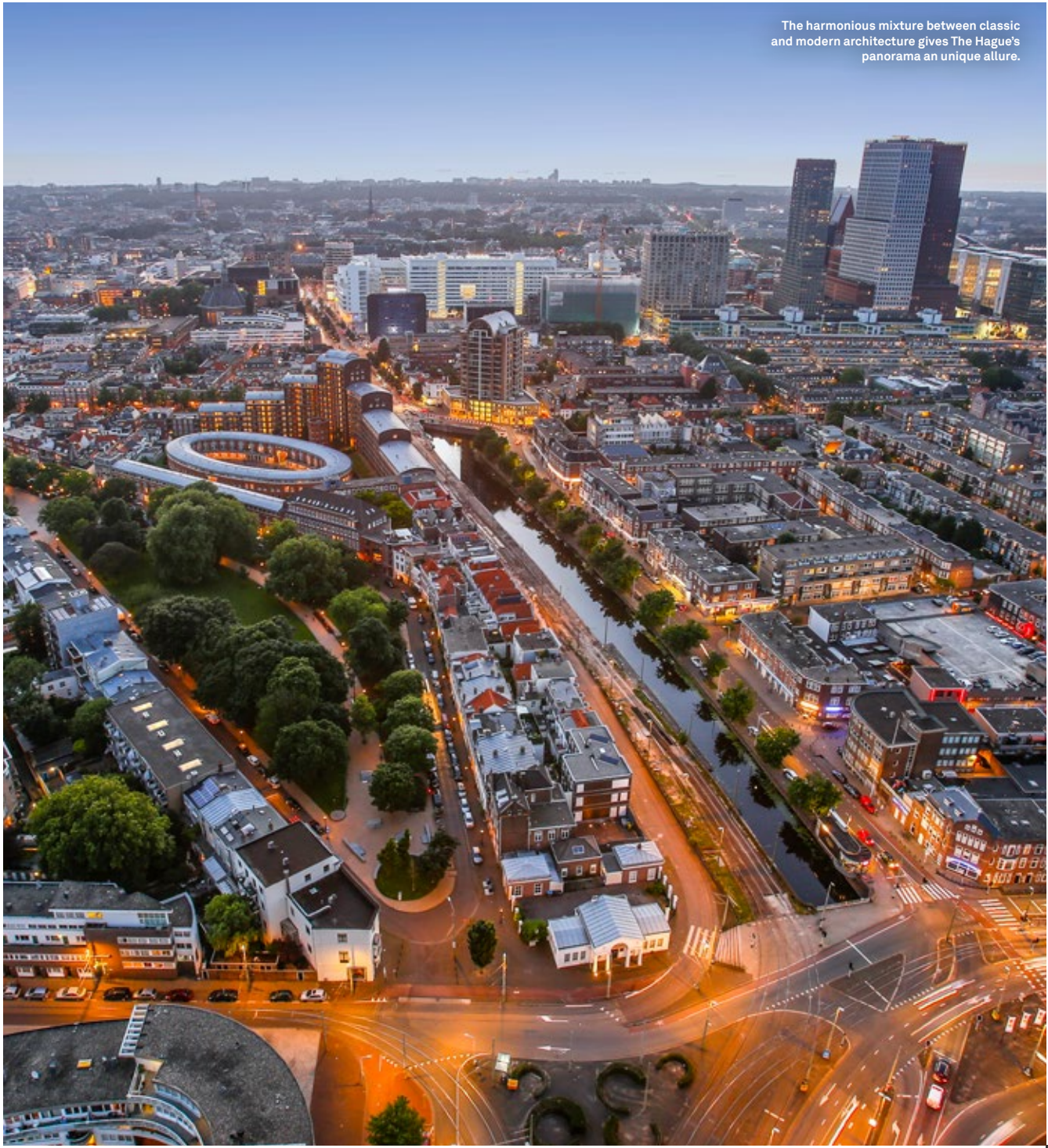
The City that **Matters.**

The Hague is a city that matters: to its residents, to the Netherlands and to the wider global community. Here in The Hague we welcome your ambition to make a difference and we will do everything in our power to make sure that the IUPAC congress is a success.

Our city has a strong and well-connected partnership network and together with the driven and dedicated team of The Hague Convention Bureau we will gladly facilitate your access to The Hague's outstanding event and knowledge infrastructure.

We invite you and your delegates to explore and enjoy The Hague as we know it – the perfect destination for an impactful event.

Nienke van der Malen - van der Horst
Director of THCB



The harmonious mixture between classic and modern architecture gives The Hague's panorama an unique allure.

The Conference™
The **Hague.**

The Letter from The **Mayor.**

The IUPAC congress is very important to all of us in The Hague, and we are delighted at the prospect of working side by side with you in order to ensure that it becomes a resounding success.

We welcome you into our city, and warmly invite you to feel at home and discover the wealth of opportunities which make The Hague such a lively, dynamic and prosperous place to be.

Mr. J. J. van Aartsen
The Mayor

Gemeente Den Haag

IUPAC Secretariat
Dr. Lynn M. Soby
P.O. Box 13757
Research Triangle Park
North Carolina
27709
USA

The Hague, 16 February 2017

Subject: International Union of Pure and Applied Chemistry Congress 2023

To whom it may concern,

It is with great pleasure that I invite you to host the International Union of Pure and Applied Chemistry Congress in 2023 in The Hague. Please allow me to elaborate on why I feel our fine city by the sea would be eminently suited to making your congress a resounding success.

The Hague's international reputation as a first rate congress destination is well established. The municipality, The Hague Convention & Visitors Bureau and the local hospitality industry are focused on providing optimal congress and accommodation facilities, maintaining the high quality standards discerning visitors are accustomed to. Being the perfect host is our highest goal.

The Hague is the International City of Peace and Justice, making it unique among all cities of the world. The Peace Palace is a well-known icon that symbolizes this internationally. The Hague is also the seat of the government of The Netherlands as well as the Royal residence. It is a city of deliberation, diplomacy, arbitration and high level decision making.

The Hague is also a vibrant and colourful city with inhabitants from all over the world. It is home to many expats who work at the numerous international organizations and multinational corporations with headquarters in The Hague. Cosmopolitan on all fronts, yet without the crowding and stress found in other cities of fame, The Hague has style and class.

The city's congress facilities are excellent and uniquely diverse: from renowned international congress venues, historic palaces, characteristic theatres and ultra-modern halls down to intimate, creative locations full of local flavour. The Hague has it all. The fine hotels on offer in a range of all categories and rates are staffed by driven hospitality professionals whose ultimate challenge is the quality and comfort of your stay.

A successful congress offers its participants the right balance between work and relaxation. The Hague's most unexpected asset for many is the beach, providing a unique opportunity for visitors to unwind, enjoy the invigorating sea breeze and have some serious fun, like placing a bet at the Casino or sampling the nightlife.
A different but equally rewarding way for visitors to spend their free time is to stroll through The

Hague's beautiful historic city centre, where a maze of age old narrow streets offers a lively atmosphere of culture, fine cafes and restaurants as well as surprising shops and boutiques.

The Hague's cultural offerings are known across the globe. Take Vermeer's "Girl with a Pearl Earring" in the Mauritshuis, the museum which was recently rated as one of Europe's top museums by The New York Times. The city's Municipal Museum is also well worth a visit. In the world of modern dance, The Hague is known as the home base of the renowned Nederlands Danstheater, one of today´s most revered modern dance companies.

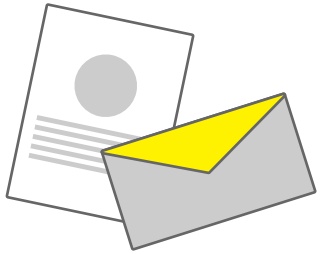
The city's international accessibility is excellent at less than 30 minutes by train from Schiphol International Airport and just 20 minutes by car from Rotterdam-The Hague Airport. Public transportation and taxi services in the city are fast and comfortable.

With the success of your event and the wishes of your members in mind, we are confident we have put together a suitable, tailor-made proposal. I have no doubt that the participants of the International Union of Pure and Applied Chemistry Congress will find their stay in The Hague inspiring and memorable, and that they will be taken by the city's style and charm.

We hope to be able to welcome you here, in our fine city of The Hague very soon.

Yours sincerely,

Mr. J.J. van Aartsen
Mayor



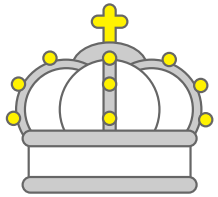
Click here
to see all of the
letters of support

About The **Hague.**

The Hague is often in the news thanks to the work of numerous international organisations and companies which headquarter here. But there is more to it than that! The Hague has a deserving reputation of prestige, stature and influence. It's a place where important matters are discussed, where decisions are made and where alliances are forged. Our city is home to the Dutch Royal Family, the Parliament, Nobel-prize winning organisations, numerous international companies and is the second largest UN city. All of this adds to the gravitas of The Hague.

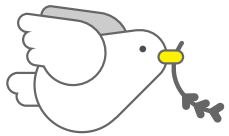
At the same time, The Hague offers surprising and refreshing diversity. Historic and modern architecture harmoniously interlocks in the charming city centre. The inspiring international vibe complements the traditional Dutch way of living which is well known for its enormous respect for social and environmental sustainability. You might also be surprised by the city's playful side – with its beautiful sandy beaches, promenades, bars, restaurants and a vibrant cultural scene, something that all our visitors love to discover.

Since the UN hosted the first peace conference in The Hague in 1899, the city has developed an excellent event infrastructure which offers customised solutions for unique association and corporate events in The Hague.

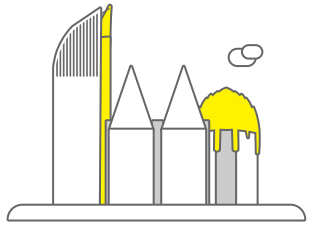


Home to the Royal Family

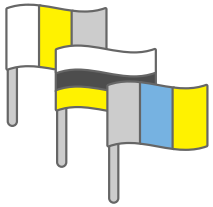
Second UN City after NYC



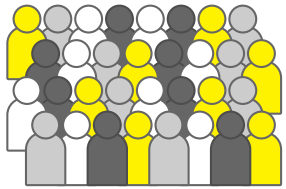
City of Peace & Justice



100 Multinational Companies

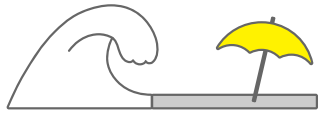


115 Foreign Embassies



516,000 Residents

160 Institutions & Organisations

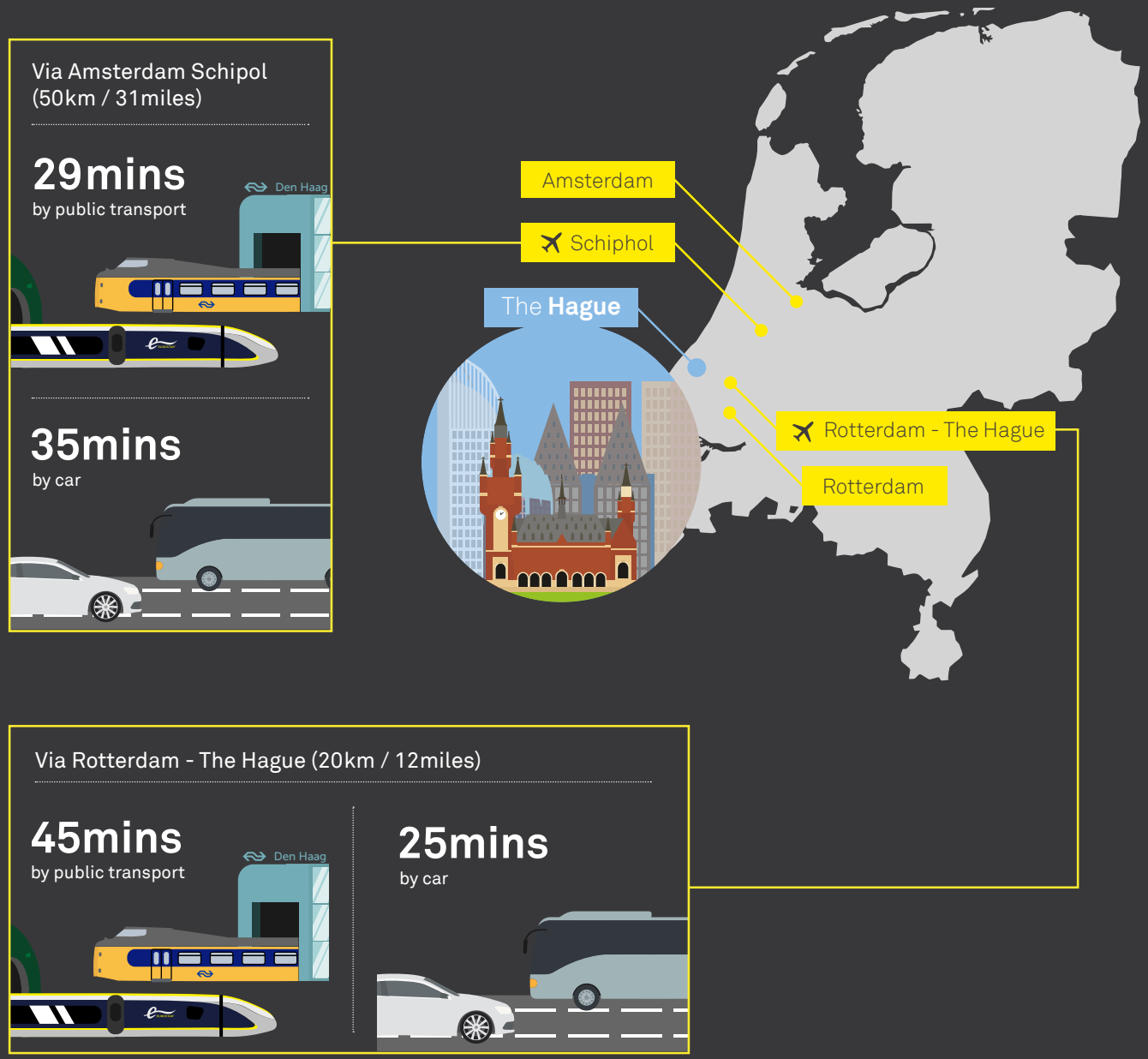


11km of Coastline

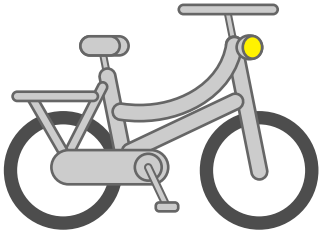
Getting to The **Hague.**

The Hague is easy to reach from anywhere in the world. It is located in one of the best regions in Europe with easy access to two international airports and train stations. Furthermore, The Hague has an outstanding and sustainable system of public transport, which makes it easy to find your way around the city. Trams and buses are extremely efficient and punctual, making sure that all delegates will get to their meetings on time.

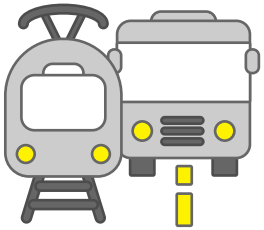
While the entire public transport network functions remarkably well, an alternative worth considering is walking to your destination within the town. A stroll through one of the sunniest Dutch cities, whether it is alongside the coast or next to the beautiful historic buildings in the centre of The Hague, should definitely be taken into consideration.



Getting around The **Hague.**



Bicycle



Public Transport

Walking

Transport within the city

The city of The Hague has a longstanding policy in place aligned with its ambition to convert the city into a low-traffic, green and liveable city. The main means of transportation for the Dutch are by public transport or by bicycle. Traffic congestion is relatively low and if it occurs, this may happen before towards the end of business hours of working days.

Walking

Getting about by foot is easy. The Hague, from the very centre all the way to the beach, can be traversed in under an hour, while over one third of the city is covered with greenery. The presence of all these factors ensures that a stroll in the fresh air is always an option.

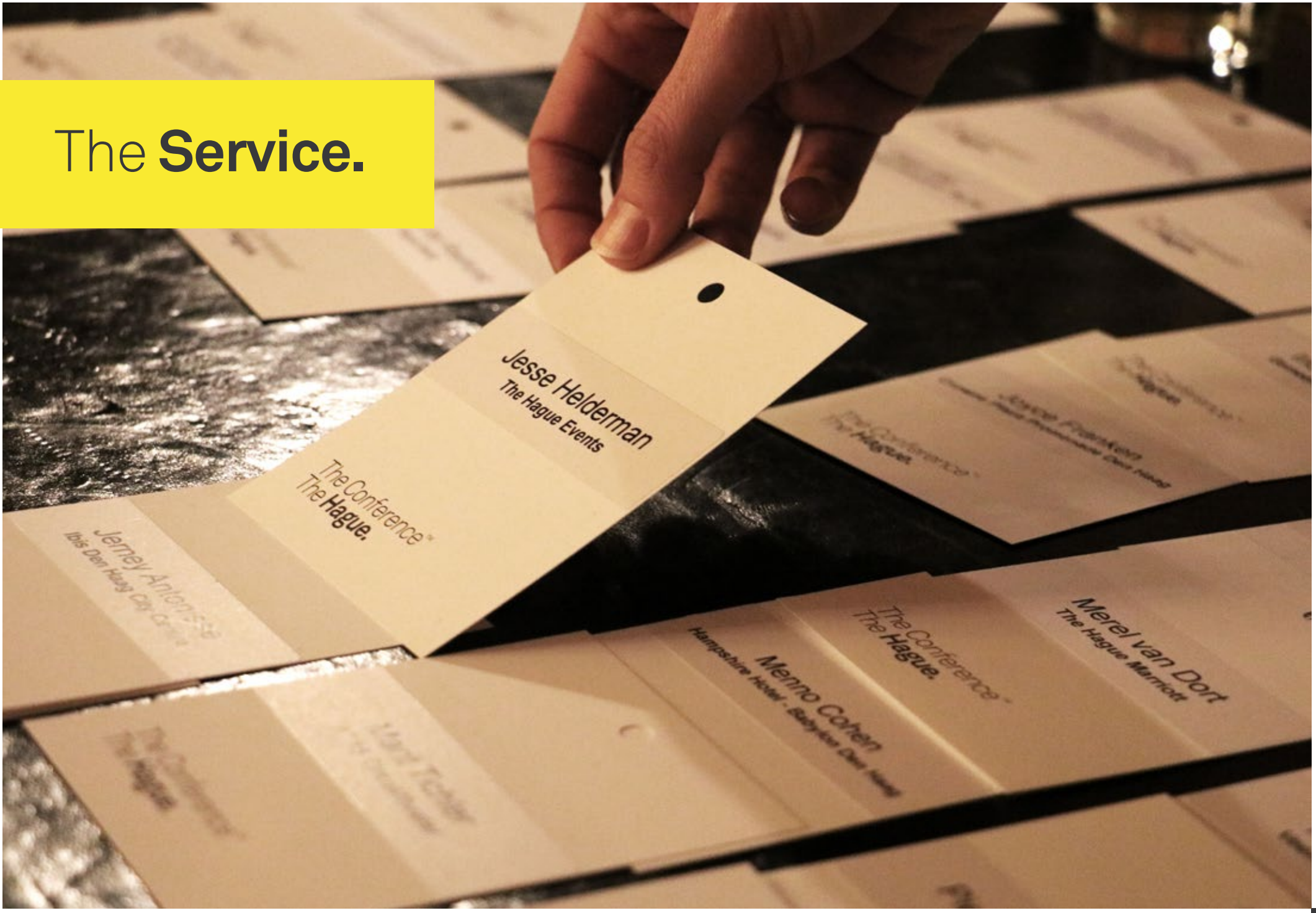
Public Transport

The Hague boasts an excellent public transport system. Over 30 bus and tram lines will quickly and safely take you and your delegates to your destinations in and around The Hague. For instance, it takes you 10-15 minutes to get from The Hague Central Station to the World Forum. The World Forum is accessible by public transport from all hotels in The Hague.

Congress Card

The public transportation company HTM avails of a specialised Congress Card. With this card, delegates are able to ride on all trams and busses in The Hague area during the conference period. This card will be printed with the name of the congress and the date it holds valid. Furthermore, a city plan detailing the various travel networks will be provided alongside the card. A true advantage for the foreign visitor is the fact that there is no need to check in and out every time he or she enters the public transport system, thus facilitating a quicker, more efficient process, which proves valuable especially if delegates are in a rush.

The **Service.**


Jesse Helderman
The Hague Events
The Conference
The Hague.
Jermey Amlonsse
Ibis Den Haag City Centre
Menno Cohen
Hampshire Hotel - Babylon Den Haag
The Conference
The Hague.
Merel van Dort
The Hague Marriott

The Service from **THCB.**

Flawless logistics and organisation play an undeniably vital role in the success of a conference. Often, the road toward a successful event will present its own challenges and puzzles to resolve.

The Hague Convention Bureau (THCB) can be of great assistance in solving such challenges, working closely with our well-tuned partnership of venues, restaurants, hotels and service companies.

Together, we make the city accessible, manageable, transparent, supportive and hospitable: truly the perfect destination for any conference with an ambition. Once you have decided to host your conference in The Hague, our support team can help you in the planning and delivery stages of your event. Moreover, we organise site inspections for decision makers and propose ideas for a suitable marketing approach.

The **Services.**

- Site Visits.
- Event Support.
- Event Marketing.
- Bid Development.
- Fam Trips and Workshops.
- Financial Support.

theconferencethehague.com

The Proposed PCO Congress by **design.**

Congress by design

"Congress by design" is an independent, state-of-the-art PCO (Professional Congress Organiser), serving a wide range of organizations, including universities, corporations, associations and governmental agencies".

Cbd is an internationally operating, full-service PCO (professional conference organiser) based in the Netherlands, building upon decades of experience in the meeting market. Our values include: professionalism in our craft, focus on quality, and a personal approach of our clients aimed at building trust and effective working relationships, and financial transparency. Transparency to us means that we offer our clients a clear description of our services upfront at predefined prices whenever possible, disclose the identity of sub-contractors to the client, and do not apply mark-ups on the costs the services of sub-contractors, or only with the consent of the client.

Cbd is certified at the national and international level, and is a member, partner or preferred supplier of several (inter)national organizations. Cbd's professionalism and track record are underscored by its membership of IAPCO, the International Association of Professional Congress Organisers. In order to be accepted as an IAPCO member, a PCO needs to meet stringent criteria related to its mode of operation across the full range of PCO services and it must have a track record of international conferences of significant size and complexity. In addition, Cbd is a member of Meeting Professionals International (MPI), the International Congress and Convention Association (ICCA) and the Green Meetings Industry Council (GMIC). At the national level, Cbd is partner of the Netherlands Board of Tourism & Conventions (NBTC).

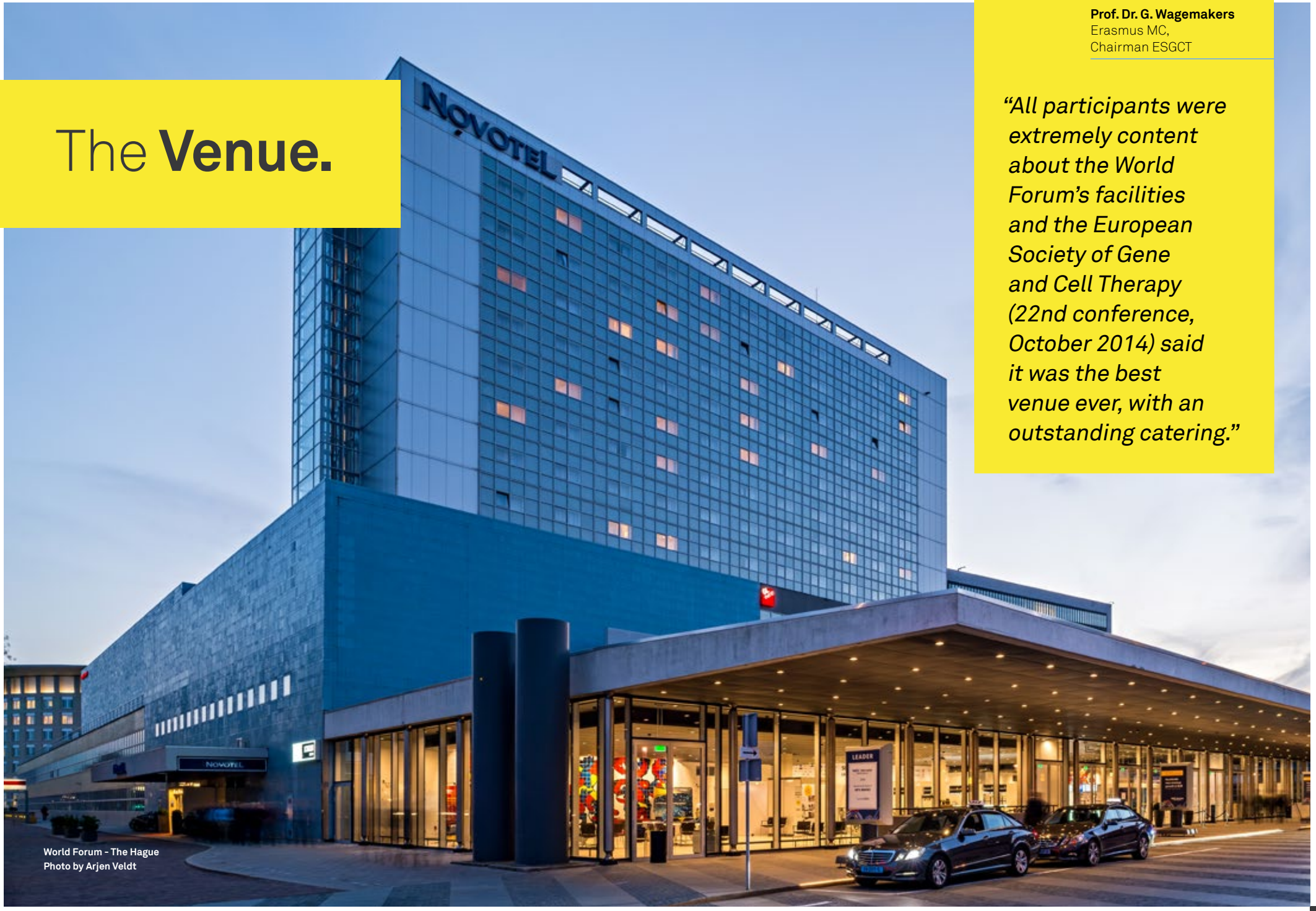
Cbd has a team of experienced employees and an extensive network of suppliers in the field of congress materials and support services, who offer very good cost/quality ratios. Our employees are all fluent in English and have backgrounds in travel/tourism, communication, leisure and congress management.

Congress by design employs dedicated congress management software for (online) delegate registration, abstract management and hotel reservation. The registration system includes a visa letter application tool. After registration and completion of their personal details, participants can download their visa letter directly from the registration system.

Experience:
Over the past years Cbd has organised a number of international congresses and symposia for which Cbd provides all aspects of meeting management services (registration, abstract management, financial management, hotel accommodation, promotion, faculty management, congress management before, during and after the meeting). Below please find a small selection of relevant conferences in which Cbd was or will be involved in the near future.

- IOA2016 (International Orthoptic Association), De Doelen, Rotterdam (800 pax)
- ISES2016 (International Society of Exposure Science, Jaarbeurs, Utrecht (700 pax)
- ICP2016 (International Conference on Paleoceanography), Jaarbeurs, Utrecht (1000 pax)
- ECCB2016 (European Conference on Computational Biology), World Forum, The Hague (1200 pax)
- PSC2016 (Planetary Security Conference), Peace Palace, The Hague (350 pax)
- HCP2017 (IEA Heat Pump Conference), WTC Rotterdam, (800 pax)
- ECP2017 (European Congress of Psychology), RAI, Amsterdam (2500 pax)
- SSIEM2019 (Society for the Study of Inborn Errors of Metabolism Annual Symposium), De Doelen, Rotterdam (3000 pax).

The **Venue.**



World Forum - The Hague
Photo by Arjen Veldt

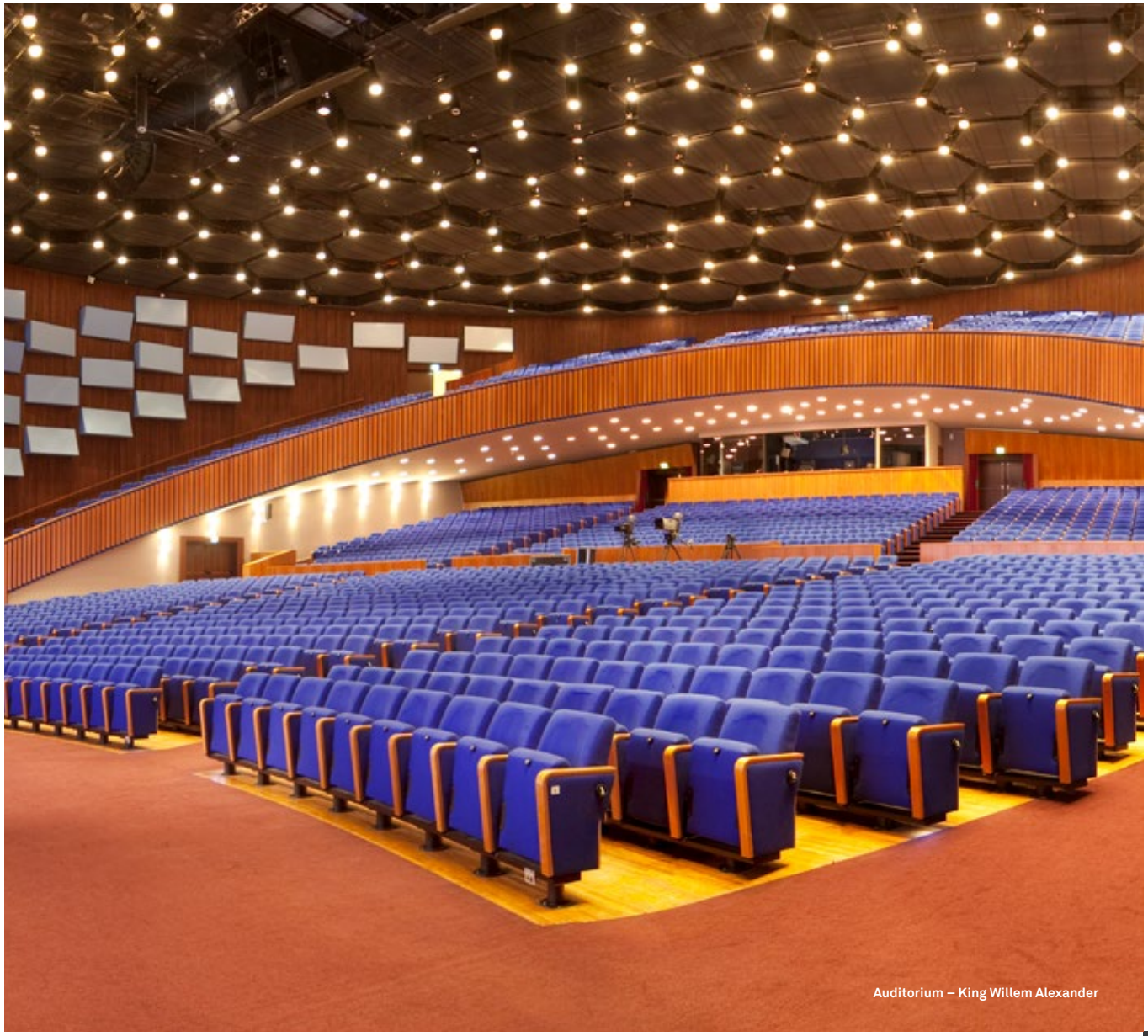
Prof. Dr. G. Wagemakers
Erasmus MC,
Chairman ESGCT

"All participants were extremely content about the World Forum's facilities and the European Society of Gene and Cell Therapy (22nd conference, October 2014) said it was the best venue ever, with an outstanding catering."

The World **Forum.**

The World Forum is a full service convention centre located in The Hague between the beach and city center, on only 30 minutes' drive from two international airports. It is fully capable of hosting top-level international conferences. The venue provides a safe, secure and flexible environment. World Forum is a spacious and yet a very compact venue where your delegates won't feel lost when attending the meeting.

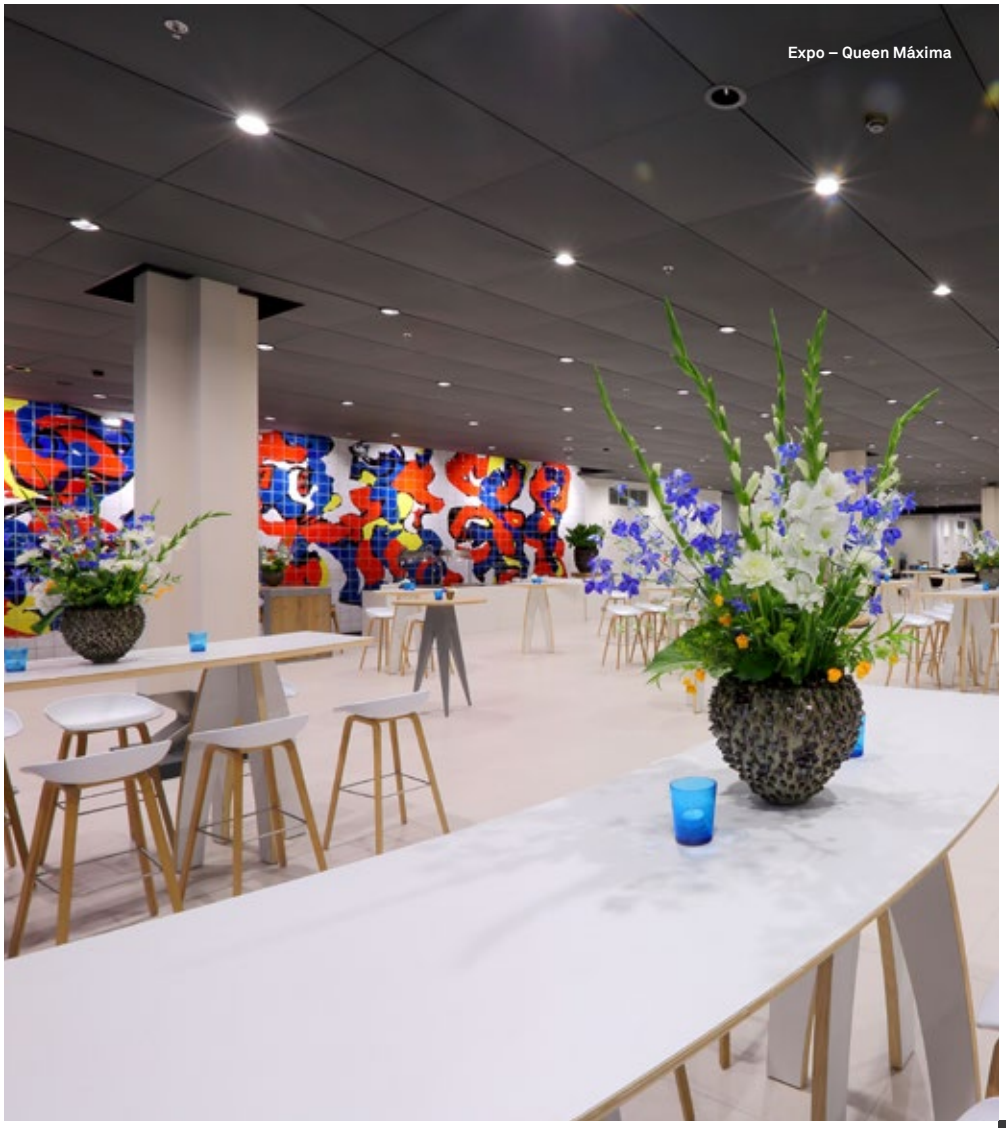
- Largest auditorium of the Netherlands (2.161 seats)
- 35 break-out rooms / meeting rooms
- 12.000 m^2 expo
- 3.500 complimentary Wi-Fi connections
- Exclusive use is possible
- Located between beach and city-centre.



Auditorium – King Willem Alexander

Break-out room

World Forum Lobby



Expo – Queen Máxima

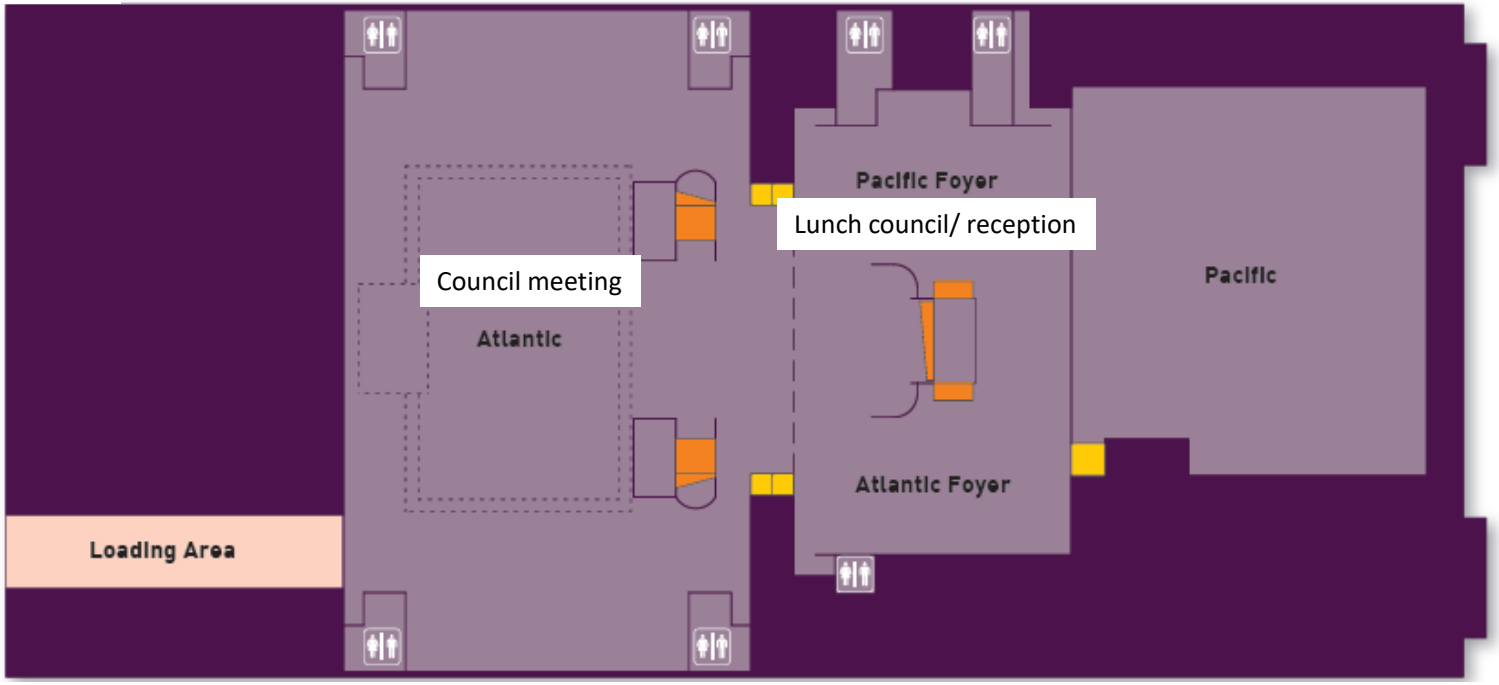
The Floor **Plans.**

-1 OCEANS

If comfort level according to the 5-hammer classification, which is not desired or required, the capacities can be increased with an average of 25%.

In the enclosed appendix, you will find a specified configuration of the GA and WCC at The World Forum. We assigned rooms to all different functions and sessions of the conference.

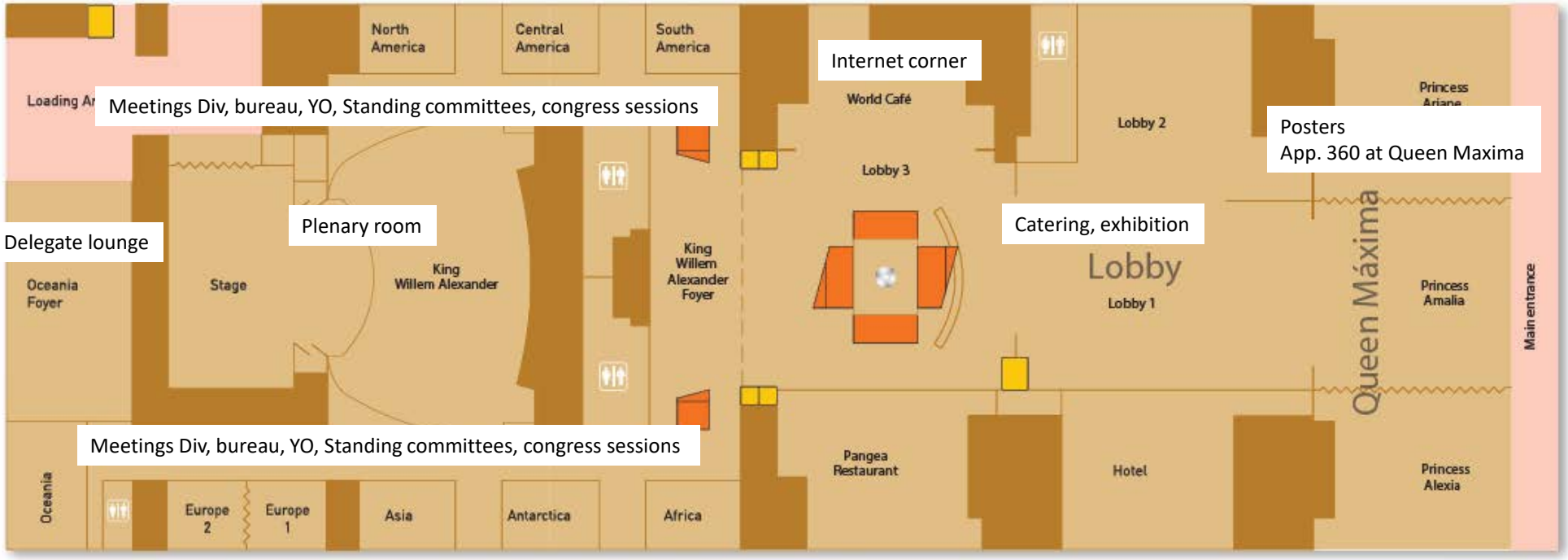
	Row/ Theater	Course	Carré	U-shape	Cabaret 4	Cabaret 6 *	Lunch/ Dinner**	Reception ***	Gross m²
Atlantic	855	400	76	70	438	654	1100	1500	2495
Atlantic Foyer								250	475
Pacific	450	200	52	48	240	360	650	850	1376
Pacific Foyer								250	475



0 CONTINENTS

	Row/ Theater	Course	Carré	U-shape	Cabaret 4	Cabaret 6 *	Lunch/ Dinner**	Reception ***	Gross m²
King Willem Alexander with balcony with extra seating	2161								
King Willem Alexander with balcony without extra seating	2000								
King Willem Alexander without balcony with extra seating	1579								
King Willem Alexander without balcony without extra seating	1409								
King Willem Alexander Foyer								1100	1017
Africa/Antarctica/Asia	56	30	32	27	48	54	40	50	86
Europe 1/Europe 2	50	27	26	20	28	36	40	50	67
Europe 1&2	110	55	52	42	72	96	80	100	134
North America/Central America/South America	56	30	32	27	48	54	40	40	82
Oceania	100	55	32	24	72	96	64	100	139
Oceania Foyer							200	300	390
Princess Amalia	224	84	56	43	112	168	264	450	577
Princess Alexia	224	84	56	43	112	168	264	450	332
Princess Ariane	224	84	56	43	112	168	264	450	332
Queen Máxima							720	1350	1253
Lobby 1								382	925
Lobby 2								168	407
Lobby 1 & 2								550	1332
Lobby 3								450	910
Lobby Total								1000	2242

0 CONTINENTS

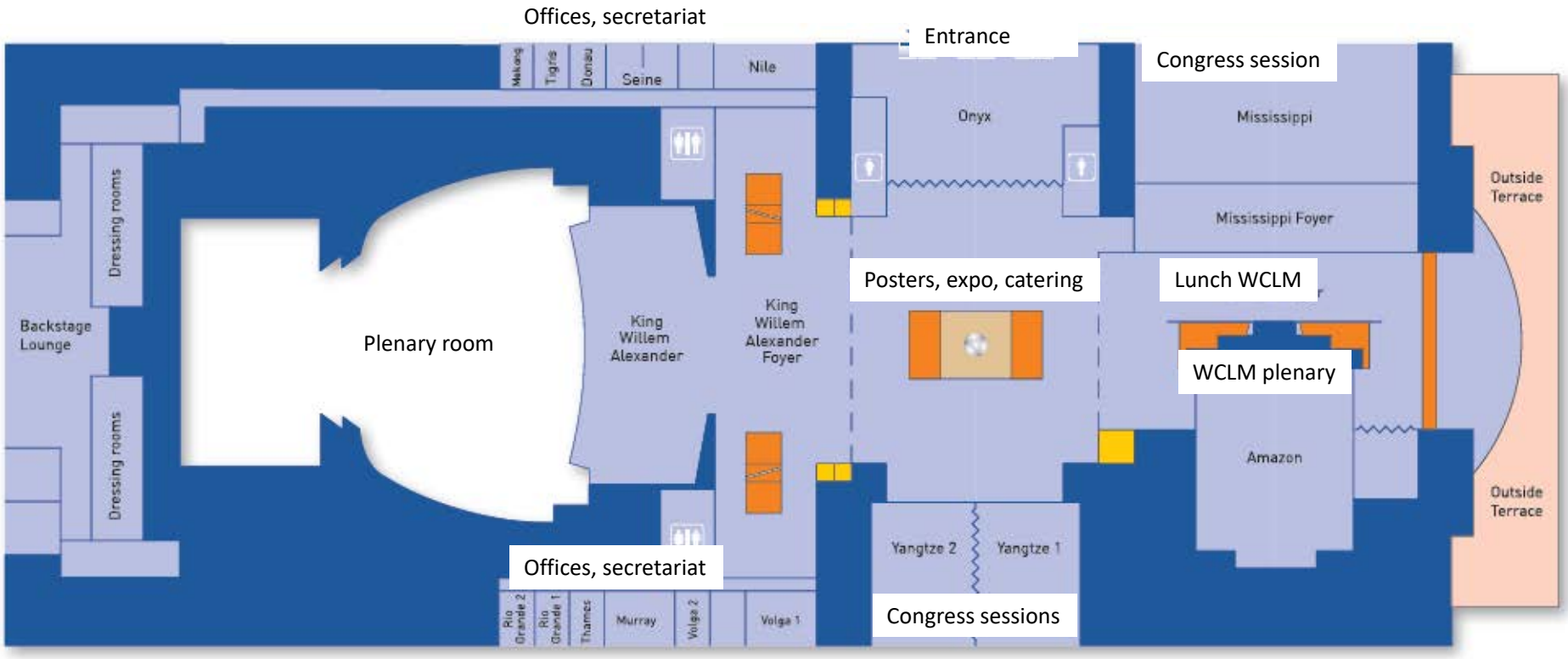


1 RIVERS

	Row/ Theater	Course	Carré	U-shape	Cabaret 4	Cabaret 6 *	Lunch/ Dinner**	Reception ***	Gross m²
Amazon	320	160	72	60	216	252	220	300	363
Amazon Foyer							248	400	615
Mississippi without balcony	320	160	68	56	220	220	200	250	345
Mississippi with balcony	400	160	68	56	220	220	200	250	345
Mississippi Foyer							80	140	140
Yangtze 1/Yangtze 2	140	75	52	36	120	120	104	125	179
Yangtze 1&2	320	160	82	72	240	270	240	300	358
Onyx	280	160	68	52	200	250	200	300	358
Lobby								500	750
Volga 1*/Murray*			12						
Volga 2*			6						
Rio Grande 1/Rio Grande 2/Thames/Donau/Tigris/Mekong			8						
Nile*			12						62
Seine			8/8						
King Willem Alexander Foyer								400	550

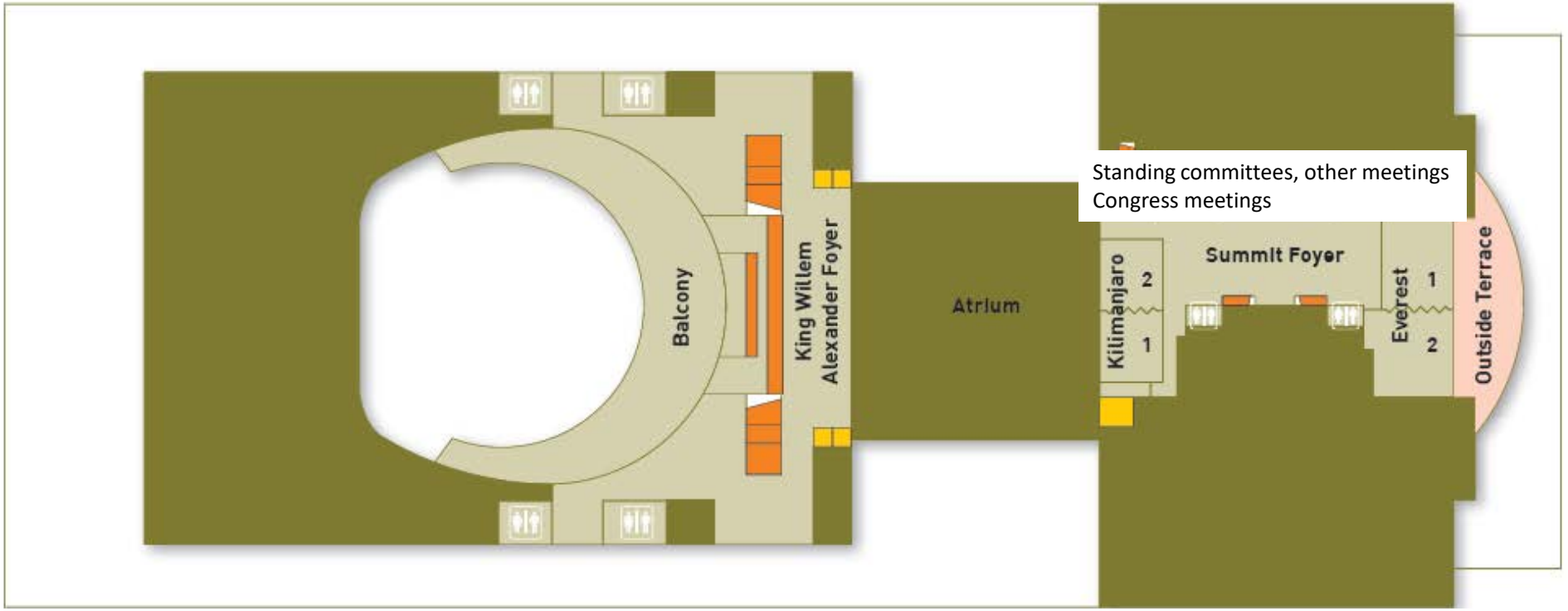
* Boardroom set-up

1 RIVERS


Offices, secretariat
Entrance
Congress session
Mekong
Tigris
Donau
Seine
Nile
Onyx
Mississippi
Outside Terrace
Dressing rooms
Mississippi Foyer
Posters, expo, catering
Lunch WCLM
Backstage Lounge
Plenary room
King Willem Alexander
King Willem Alexander Foyer
WCLM plenary
Amazon
Outside Terrace
Dressing rooms
Yangtze 2
Yangtze 1
Offices, secretariat
Rio Grande 2
Rio Grande 1
Thames
Murray
Volga 2
Volga 1
Congress sessions

2 MOUNTAINS

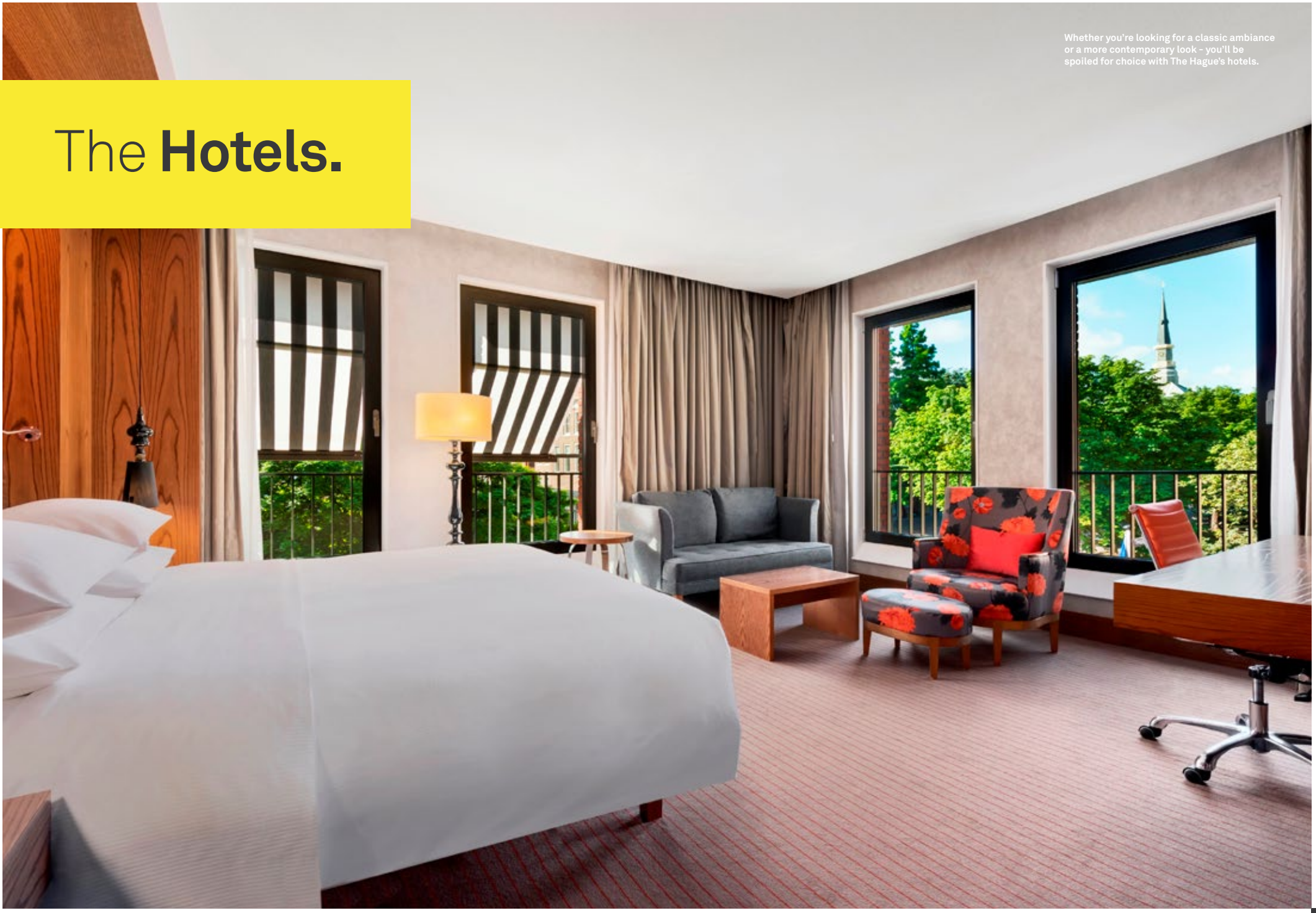
	Row/ Theater	Course	Carré	U-shape	Cabaret 4	Cabaret 6 *	Lunch/ Dinner**	Reception ***	Gross m²
Everest 1/Everest 2	50	28	24	20	36	30	48	60	84
Everest 1&2	120	65	48	36	64	72	96	120	157
Kilimanjaro 1/Kilimanjaro 2	40	20	20	15	24	30	32	50	56
Kilimanjaro 1&2	90	50	40	30	48	60	64	100	112
Summit Foyer								175	375



Recent and Future **Events.**

Year	Congress	Attendees
2011	ESPID European Society for Paediatric Infectious Diseases	2,200
2012	THIMUN The Hague Model United Nations	3,000
2014	NSS 2014 Nuclear Security Summit	8,000
2014	ESGCT Conference European Society of Gene and Cell Therapy	1,000
2015	Global Conference on CyberSpace Ministry of Foreign Affairs	1,600
2015	ISDF 2015	1,400
2016	EMDR Annual Meeting EMDR Europe Association	1,000
2016	World Congress on Brain Injury International Brain Injury Association	1,500
2016	Intel Solutions Summit Intel	1,000
2016	Techdays 2016 Microsoft	1,000
2016	21st Convention States Parties Organisation for the Prohibition of Chemical Weapons 500	500
2016	ECCB 2016	1,200
2017	ESPEN 2017 European Society of Clinical Nutrition and Metabolism	3,000
2018	One Young World Summit One Young World	1,500

The **Hotels.**



Whether you're looking for a classic ambiance or a more contemporary look - you'll be spoiled for choice with The Hague's hotels.

The Hotel
Locations.

The Hague offers a wide variety of approximately 5,000 hotel rooms in different categories divided over 3 areas. In addition, The Hague also features a few hostels for those people who are on a tight budget or for students who desire a different ambiance. An additional 700 rooms are expected to be realised by 2018.

Zone 1 - Seaside

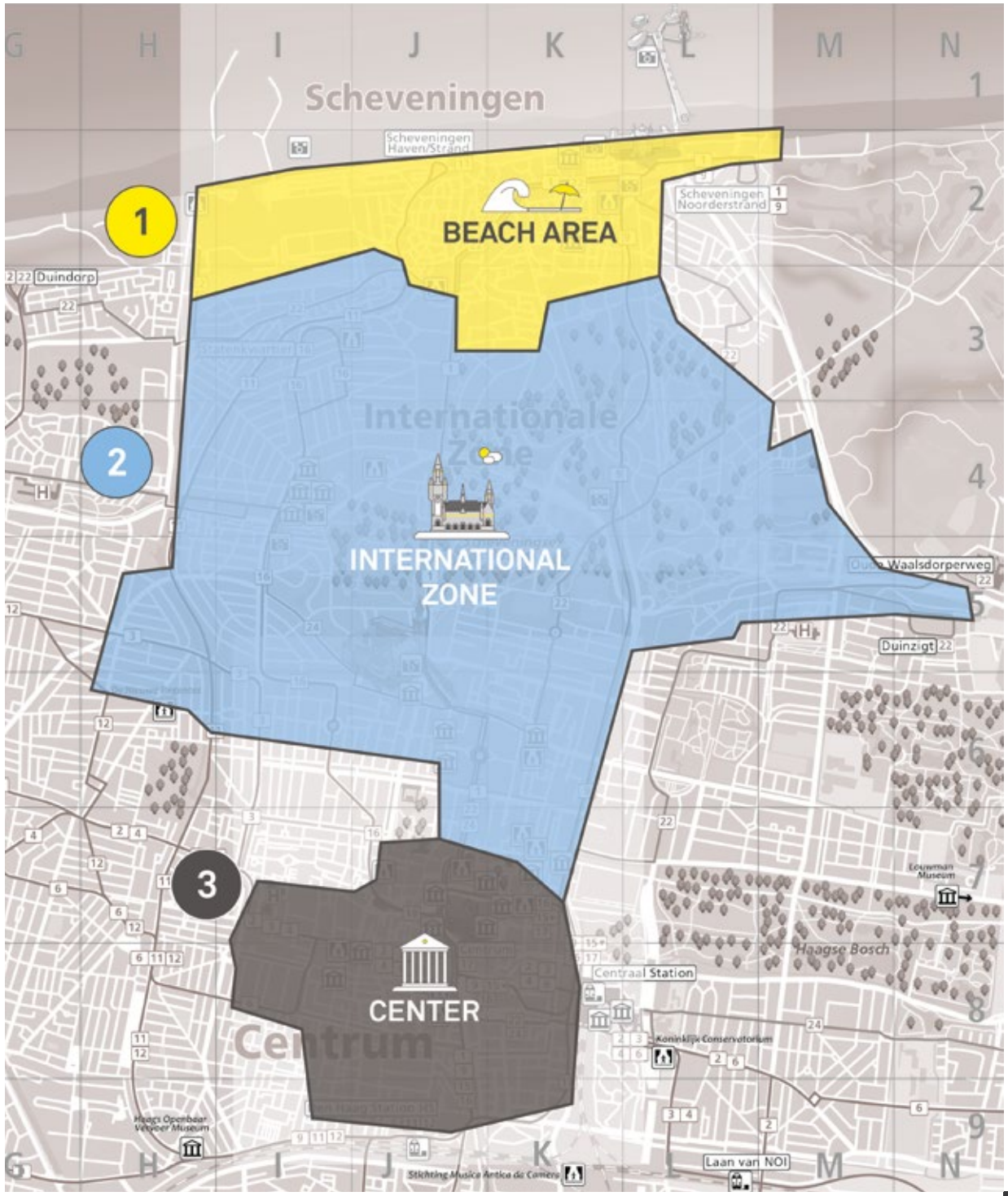
On a mere 10-15 minutes by public transport, there is a large cluster of hotels in all categories in the seaside resort Scheveningen, or somewhat further along the coast; the smaller resort Kijkduin (10 minutes by public transport).

Zone 2 - International Zone

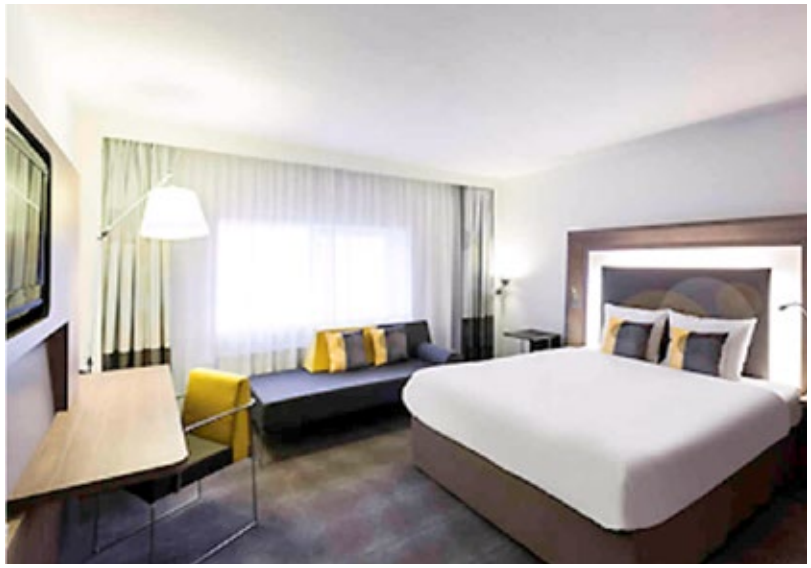
The immediate neighbourhood of the convention centre World Forum offers more than 700 hotel rooms within a few minutes walk. In this zone the Marriott The Hague is situated which we suggest as your headquarter hotel.

Zone 3 - Historic City Centre

Again only a few stops away by public transport (10-15 minutes), a concentration of hotels can be found. In the opposite direction from the resort Scheveningen lays the charming historic city centre of the Royal City of The Hague. Amidst beautiful monuments, lively squares and inviting shopping-areas, hotel rooms in all categories can be found.



Novotel Den Haag World Forum ****



€ 169,00 per room per night, based on single use*

Crowne Plaza Promenade *****

€ 185,00 per room per night, based on single use*

Marriott The Hague ****

€ 189,00 per room per night, based on single use*

*The above mentioned rates are including breakfast, excluding city tax and based on 2017 rates.

The Social **Programme.**

The Social **Venues.**

Large & Small Venue's

Reception
The World Forum or The Municipality Museum, (which is located within walking distance) would be the excellent stage to kick-off the congress with a Welcome Reception.

Social Dinner
What about having your social evening at the Beach? Nothing is really more thrilling than enjoying the beach. Everybody loves the sound of waves and the salty fragrance of the sea.

The city of The Hague offers multiple options for the Social Dinner. Depending on the actual number of guests, we propose the following venues:

Gemeente museum
The Municipal Museum The Hague (in Dutch: Gemeentemuseum Den Haag) is an art Museum built by Dutch architect Berlage in 1931-1835. It has the largest Mondrian collection in the world and also his last work 'Victory Boogie-Woogie' is on display here. You will find work of as well national as international artists. An unique venue for your evening event!

Max capacity seated dinner: **400 pax**
Max capacity informal dinner: **650 pax**
www.gemeentemuseum.nl

Beachclub Doen!
This beach club, perfectly situated at the waterfront, is the hotspot on the beach in The Hague! Enjoying the breeze of the sea while having dinner.

Max capacity informal dinner: **1000 pax**
www.strandclubdoen.nl

Grand Hotel Amrâth Kurhaus
The superb location in Scheveningen is just one of Grand Hotel Amrâth Kurhaus The Hague's many advantages. Built between 1884 and 1885, the Kurhaus originally consisted of a concert hall and a hotel. Nowadays it is home to one of the most luxurious hotels in the Netherlands, and also offers facilities for hosting top-notch business events. The majestic Kurzaal with view of the seaside and historic Pier might be the unforgettable setting for the Social Dinner.

Max capacity seated dinner: **680 pax**
Max capacity informal dinner: **1500 pax**
www.amrathkurhaus.com

Madurodam
Discover Holland's Highlight's and Heritage.

At the Social Dinner, become acquainted with the stories of the Netherlands in a surprising way. See models that are exact replicas of special buildings and objects, on a scale of 1:25. Enjoy the finest of The Netherlands: dinner, drinks, and dessert at a one-of-a-kind venue, Madurodam. You will experience three themed areas: City Centre, Water World and Innovation Island.

Max capacity seated dinner: **750 pax**
Max capacity informal dinner: **900 pax**
www.madurodam.nl

Dinner Thuis
Diner thuis is the best hidden secret from the Hague. Perfect for a private dinner and meetings. It is a 19 century town house with different kind of rooms. They have their own chefs who create a new menu every 4 months, because they always use season products.

Max capacity seated dinner:
1 long table: **32 pax**
2 long table: **50 pax**
Combination tables: **70 pax**
(rectangular & round)
www.dinerthuis.com

Penthouse
Welcome to The Penthouse on the top floors of The Hague Tower: a truly unique setting. Inspired by the famous New York City flat iron building this restaurant is suitable for private dining, sit-down dinners, walking dinners, buffet dinners, drinks, celebrations or any other special event.

Our venue, at 135 meters, is higher than the restaurant at the Eiffel Tower, offering a truly international and cosmopolitan atmosphere and an amazing view of up to 45 kilometers.

Max capacity seated dinner: **200 pax**
www.thepenthouse.nl

Catch
Catch is an international seafood restaurant, located on the most beautiful places in the Marina (Scheveningen Harbour). The daily fresh supply from the fish auction gives our brigade gold in hands to present to you the finest pieces of seafood.

An exclusive space is located on the second floor of this unique building, providing a roof terrace with a breath-taking view on the Marina. This space lends itself perfectly for a private dining with a minimum of 20 people)

Max capacity seated dinner: **200 pax**
Max capacity private seating: **50 pax**
www.catch-bysimonis.nl

Besides the options above we also could offer alternative unique venues in both the City Center or at the beach.

The Sights & **Museums.**

The Hotspots in The **Hague.**

As the largest coastal city on the shores of the North Sea, with an impressive third of the total surface area basking in lush greenery, The Hague has a great deal to offer its visitors. It presents a combination of historic venues and international ambience, as well as wide sandy beaches, and a massive range of cultural activities.

Historic City Centre

The Binnenhof is situated in the heart of The Hague's city centre. It has been the location of meetings of the Dutch Parliament, the Staten-Generaal, since 1446, and has been the heart of Dutch politics for many centuries. The grounds on which the Binnenhof now stands were purchased by Count Floris IV of Holland in 1229, where he built his mansion, next to the modest lake that has been called Hofvijver or 'Court Pond' since the 13th century.

The Peace Palace

The Peace Palace has been the icon of The Hague for 100 years. Every day, hundreds of visitors pause at the entrance to take photos of this impressive building. Thousands of people work in and around it every day for over 130 international organisations for greater world peace and justice. This magnificent building, which houses various international organisations, makes The Hague internationally recognisable as the city of Peace and Justice.

Panorama Mesdag

Step into the largest 360° painting of the Netherlands which was painted by Hendrik Willem Mesdag and travel back in time to Scheveningen as it was in 1881. The view is never the same; the incidence of light is more than magnificent and alternates from moment to moment.

Mauritshuis

The Royal Picture Gallery Mauritshuis, located at a unique 17th century palace in The Hague, has the highest number of masterpieces per square metre in the Netherlands. The museum houses a world-famous collection of paintings from the Dutch Golden Age, an exceptional display which offers an amazing overview of Dutch and Flemish paintings from 1400 to 1800, with works by painters such as Vermeer, Rembrandt, Rubens, Jan Steen, Frans Hals, Van Dyck and Adriaen Coorte.

The Gemeentemuseum

The Gemeentemuseum (Municipality museum) is a modern palace of the arts. Step inside this enchanting building, wander through its beautiful day-lit galleries and discover that special work of art that touches you personally. You might even leave a little in love. With that extraordinary painting by Monet, that impressive photography exhibition, the adventurous life of Piet Mondrian, the intimate galleries, or the period rooms full of Delftware.

Madurodam

Madurodam offers a wide variety of Dutch highlights in scenic outdoor miniature park. See the Dutch and their flowers, the Windmills as early water management, Schipol airport and the Port of Rotterdam. Visit Madurodam and you will discover these must-sees of Holland in an interactive way.

The Letters of **Support.**

Holland. | NBTC Holland Marketing

NBTC Holland Marketing
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www.nbtc.nl
www.holland.com

IBAN NL66INGB0677227418
BIC INGBNL2A
BTW NL.8086.41.957.B01

IUPAC Secretariat
Attn: Dr. Lynn M. Soby
P.O. Box 13757
Research Triangle Park, NC 27709
USA

Subject: International Congress and General Assembly of the International Union of Pure and Applied Chemistry – IUPAC

The Hague, 16 February 2017

Dear Dr. Soby,

The Netherlands Board of Tourism & Conventions is pleased in extending a most cordial invitation to organize the International Congress and General Assembly of the International Union of Pure and Applied Chemistry – IUPAC – in The Hague, The Netherlands.

The Netherlands Board of Tourism & Conventions, both through its staff of professionals and its supporting organisations, is readily available to help make your congress the most memorable to date. We are confident that the 'Destination Holland' and the beautiful city of The Hague will measure up to your most demanding expectations as a congress site and we sincerely hope that you will grant our country the privilege of hosting your congress in the year 2023.

On behalf of the ministry of foreign affairs we have the pleasure in informing you as follows:
'In order to secure full and maximum participation, we have the honour to assure you that, if it is decided to hold the International Congress and General Assembly of the International Union of Pure and Applied Chemistry in The Netherlands in 2023, visas will be granted to all participants requiring them, providing that the general conditions governing entry are fulfilled.

The general conditions are published on the websites of the embassies issuing visa'.
For up-to-date information, please consult the website https://www.government.nl/ under the header 'VISA'.

Yours sincerely,

Jos Vranken
Managing Director

Op al onze aanbiedingen en overeenkomsten zijn "Algemene Voorwaarden" van toepassing, gedeponeerd bij de Kamer van Koophandel Haaglanden onder nummer 27192610 en ook in printbare versie te vinden op www.nbtc.nl

The Conference™
The Hague.

IUPAC Secretariat
Attn. Dr. Lynn M. Soby
P.O. Box 13757
Research Triangle Park
North Carolina - 27709
USA

February 14, 2017

Re: 49th International Congress and Assembly of the International Union of Pure and Applied Chemistry in The Hague, the Netherlands in the year 2023.

Dear Doctor Soby,

On behalf of The Hague Convention Bureau, I am pleased to extend our support to the 49th International Congress and Assembly of the International Union of Pure and Applied Chemistry to be held in The Hague, the Netherlands in 2023.

I am confident that the attractiveness of our city, the welcoming nature of our people and local industry, our international convention facilities and our past achievements in hosting important business events will ensure great success for the 49th Congress of IUPAC in 2023.

As the official organisation in charge of promoting The Hague as a destination of choice for international meetings, I hereby extend the warmest and most cordial invitation to IUPAC to consider our city as the destination for the 49th Congress of IUPAC. We act as a one-stop shop for anyone who intends to organise a conference in The Hague. We offer independent advice and provide support by putting you in touch with local venues, hotels, service suppliers and media. Serving as a gateway to Dutch organisations and institutions, we ensure that your event will achieve maximum success.

The Hague looks forward to the pleasure of welcoming you and your delegates in 2023.

Yours sincerely,

Nienke van der Malen,
Director THCB

Den Haag Marketing
The Hague Convention Bureau
Grote Marktstraat 43c
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2508 CD Den Haag

+31 70 361 8888
theconventionbureau.com
@TheNowTheHague

ING Bank 65.97.48.770 | VAT NL0097.10.863.B0 | IBAN NL35 INGB 065.974.8770 | Haaglanden 41155491 |

The Hague

Hosting the World!

world forum

International Union of Pure and Applied Chemistry
IUPAC Secretariat
Dr. Lynn M. Soby
P.O. Box 13757
Research Triangle Park
North Carolina 27709
U.S.A.

The Hague, 16 February 2017

Subject: Letter of Support World Chemistry Congress and IUPAC General Assembly 2023

Dear Ms. Soby,

We are very excited The Hague is being considered as a possible destination for World Chemistry Congress and IUPAC General Assembly 2023. We would be very proud to be selected as the host venue for this wonderful conference.

At World Forum our operations are both excellent and flexible. We have a consistent team of highly qualified and experienced staff. We also believe in old fashioned hospitality, actually, that's why we are in this business. The World Forum is known, in Holland an abroad, for its Corporate Social Responsibility. We like to extend our care further than just our workplace.

For the World Chemistry Congress and IUPAC General Assembly we have placed an option for exclusive use of the World Forum on 20 – 25 August 2023.
To summarize, we will do our utmost to support this conference in the following ways:

Cost Effectiveness
Extreme Flexibility
Surprising Service
Conceptual Thinking
Building Memories

On behalf of the team I would like to make this promise: you have the personal guarantee of all of us that we go to extremes to make your event successful. That is not a policy or an empty statement, but describes simply who we are as people. We would love to welcome you in 2023!

Yours Sincerely,
WORLD FORUM

Michiel Middendorf
General Manager

KNCV

Attn. of IUPAC Secretariat
Dr. Lynn M. Soby
P.O. Box 13757
Research Triangle Park
North Carolina 27709
USA

November 3rd, 2016

Dear Ms. Soby,

On behalf of the Royal Netherlands Chemical Society (KNCV) it is my pleasure and privilege to present this letter of intent to bid as host city for the IUPAC Congress 2023.

It is our firm belief that hosting the IUPAC Congress in The Hague will make a very compelling case for your consideration. The Dutch governmental capital is home to the International Court of Justice, as well as over 160 international organizations, knowledge institutions, NGO's and more, who are working towards peace and justice every day. Its heritage of being a decision-making and influential place has developed into a reputation of it being the international city of peace and justice.

In 2023 KNCV will celebrate its 120th birthday and we consider the World Chemistry Congress as a great opportunity to celebrate Chemistry together with the whole IUPAC community. Never before an IUPAC general meeting was hosted in our country, which is in contrast with its strong tradition in chemistry. We share your vision that this international meeting will unite chemists worldwide, and will be of pivotal importance to foster creativity and innovation, and will therefore contribute to sustainable development.

The Netherlands has a strong academic history, particularly in the fields of physics and chemistry. Despite being one of the smaller European countries, Dutch academic and industrial research has a strong reputation, with many researchers ranking among the top scientists in the world in the areas of chemistry, life sciences and process technology. Being a small country, with relatively short distances between universities and industrial research centers, has always driven the Dutch to collaborate on new concepts, act together in finding innovative solutions and experience a shared responsibility to work on solutions for the global challenges.

On behalf of all parties involved we will support the IUPAC Congress and assist with securing venues for the conference itself and other related events. Together with the City of The Hague, we firmly back their commitment to host a memorable event. I hope to have the honour of welcoming you and your delegates for the IUPAC Congress in The Hague in 2023.

Yours sincerely,

Prof. dr. Floris Rutjes
president

tel: +31 70 337 87 90 mail: kncv@kncv.nl website: www.kncv.nl

mensen • moleculen • meningen

NWO | Science

Netherlands Organisation for Scientific Research

Attn. of IUPAC Secretariat
Dr. Lynn.M. Soby
P.O. Box 13757
Research Triangle Park
North Carolina 27709
USA

Date: 2 March 2017
File number: 710.71.200
Correspondence number: 2017/CW/00215668
E-mail: t.kulkens@nwo.nl
Please include Date, File no. and Correspondence no. in any reply

Subject: Support for the IUPAC Congress 2023 The Hague bid

Dear Dr. Soby,

The Koninklijke Nederlandse Chemische Vereniging (KNCV) has recently informed the Netherlands Organization for Scientific Research (NWO) about the bid to host the IUPAC Congress in 2023 in The Hague, The Netherlands. Our country has an excellent reputation for academic research in various fields of chemistry. In addition, chemical researchers work together closely with other scientists on multidisciplinary scientific and societal challenges and collaborate with industry on innovation driven research and public-private partnerships. Considering this unique setting, which is well aligned with the ambitions of IUPAC, NWO feels that it is important to host this congress in the Netherlands and therefore strongly supports the bid of the KNCV for this prestigious international event.

NWO ensures quality and innovation in science in the Netherlands and facilitates its impact on society. It plays several roles as a broad, national research organisation that actively contributes to various elements of national science and innovation policy. NWO focuses on all scientific disciplines and fields of research. In the field of chemistry NWO stimulates innovative, fundamental, strategic and applied chemical and molecular research. This is realised, for example, through the funding of research projects and programmes and the organisation of scientific meetings.

The strategic lines of Chemistry at NWO are Chemistry of Life, Chemistry of Materials and Chemical Conversion. Since 2011 NWO Chemistry organizes the annual Dutch chemistry conference CHAINS (Chemistry As Innovative Science) together with other organisations in the field of chemistry, such as the KNCV, with more than 1500 participants (see http://www.nwochains.nl). NWO thus recognizes the importance of sharing state-of-the-art research, innovations and breakthroughs within the chemical and molecular community and therefore gives its full support to the proposed bid to organize the IUPAC Congress in The Netherlands.

Laan van Nieuw Oost-Indië 300, 2593 CE The Hague
P.O. Box 93510, 2509 AM The Hague, the Netherlands
www.nwo.nl

IBAN: NL89ABNA0642330824, BIC ABNANL2A
ABN AMRO, Rotterdam 64 23 30 824
CoC The Hague 27367015, VAT NL.002305884.B01

NWO | Science

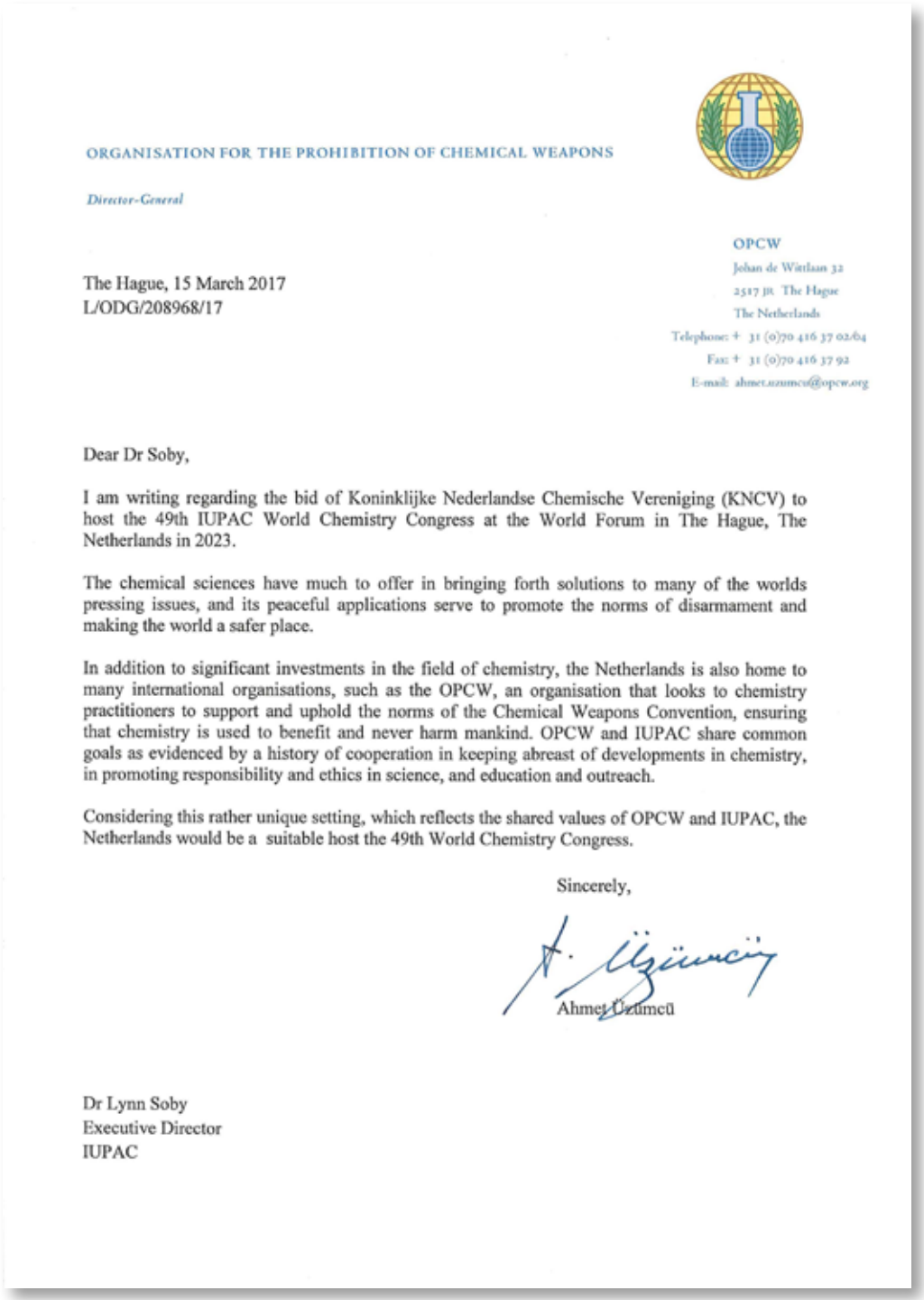
Netherlands Organisation for Scientific Research

Dossiernr: 710.71.200

We are confident that the KNCV will turn the 2023 edition of this highly respected international congress into a great success.

Kind regards,

Dr. Tanja Kulkens
NWO Head of Chemistry



ORGANISATION FOR THE PROHIBITION OF CHEMICAL WEAPONS

Director-General

OPCW
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E-mail: ahmet.uzumcu@opcw.org

The Hague, 15 March 2017
L/ODG/208968/17

Dear Dr Soby,

I am writing regarding the bid of Koninklijke Nederlandse Chemische Vereniging (KNCV) to host the 49th IUPAC World Chemistry Congress at the World Forum in The Hague, The Netherlands in 2023.

The chemical sciences have much to offer in bringing forth solutions to many of the worlds pressing issues, and its peaceful applications serve to promote the norms of disarmament and making the world a safer place.

In addition to significant investments in the field of chemistry, the Netherlands is also home to many international organisations, such as the OPCW, an organisation that looks to chemistry practitioners to support and uphold the norms of the Chemical Weapons Convention, ensuring that chemistry is used to benefit and never harm mankind. OPCW and IUPAC share common goals as evidenced by a history of cooperation in keeping abreast of developments in chemistry, in promoting responsibility and ethics in science, and education and outreach.

Considering this rather unique setting, which reflects the shared values of OPCW and IUPAC, the Netherlands would be a suitable host the 49th World Chemistry Congress.

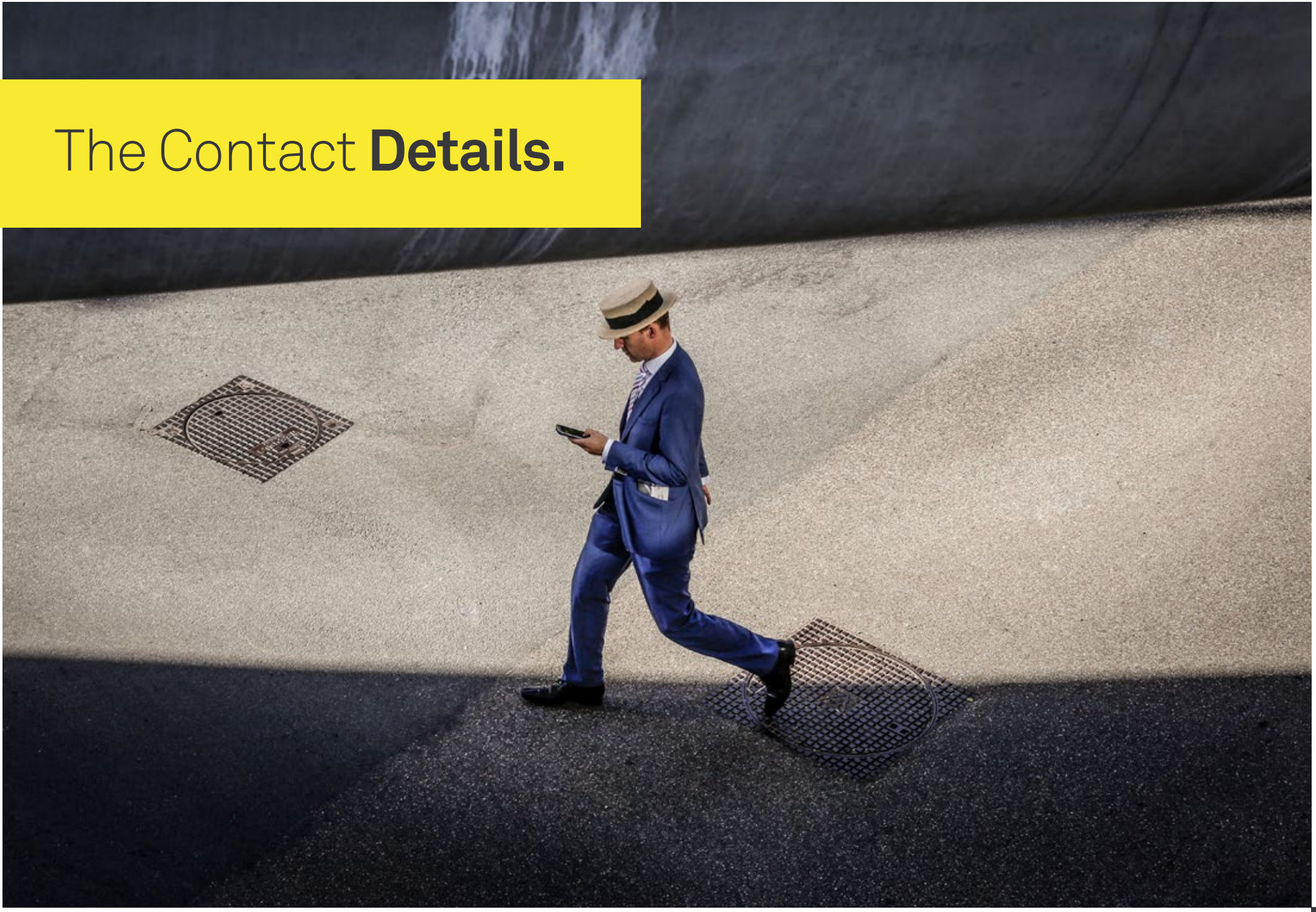
Sincerely,

Ahmet Üzümcü

Dr Lynn Soby
Executive Director
IUPAC

Click here to return

The Contact **Details.**



The Contact **Details.**

Nienke van der Malen
THCB Managing Director

"I am convinced that The Hague is absolutely the best city in this country. Where else in the Netherlands can you find a combination of a historic centre and a lively beach resort?"

The KNCV

Jan-Willem Toering
Director of the KNCV

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Congress by design

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Looking forward to
seeing you in The Hague!

AUCKLAND, NEW ZEALAND

49TH WORLD CHEMISTRY CONGRESS
IUPAC 52ND GENERAL ASSEMBLY 2023
CHEMISTRY WITHOUT BORDERS

NZIC

the ROYAL SOCIETY of NEW ZEALAND
TE APĀRANGI

The Royal Society of New Zealand (RSNZ) and the New Zealand Institute of Chemistry (NZIC) are proud to present this bid for the 49th World Chemistry Congress and IUPAC 52nd General Assembly 2023. In the spirit of manaakitanga, we welcome you to Auckland, New Zealand with open hearts and open minds.

With support from

Manaakitanga

Is the Māori word for hospitality, kindness, generosity or support - the process of showing respect, generosity and care for others.

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01

CONFERENCE INFORMATION AND SUPPORT

YOUR AUCKLAND HOSTS WILL BRING TOGETHER SCIENTISTS FROM AROUND THE WORLD, FIRST-RATE FACILITIES AND PROFESSIONAL SUPPORT TO ENSURE A CONFERENCE THAT WILL INSPIRE YOUR DELEGATES FOR YEARS TO COME.

HOST CITY Auckland, New Zealand

PROPOSED DATES
Congress: Sunday 9 July - Friday 14 July 2023
General Assembly: Friday 7 July - Friday 14 July 2023

PROPOSED VENUE New Zealand International Convention Centre

KEY CONTACTS

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CHEMISTRY WITHOUT BORDERS

EXECUTIVE SUMMARY

The New Zealand Institute of Chemistry and the Royal Society of New Zealand (the IUPAC National Adhering organisation) are bidding to host the 49th World Chemistry Congress and the IUPAC 52nd General Assembly in 2023 in Auckland, New Zealand. We will welcome back the World Chemistry Congress to the Oceania region for the first time since the 2001 Congress, held in Brisbane, Australia.

IUPAC CONGRESS AND GENERAL ASSEMBLY HISTORY

	Congress	General Assembly	Location
2023	49	52	Auckland, New Zealand
2021	48	51	-
2019	47	50	Paris, France
2017	46	49	Sao Paulo, Brazil
2015	45	48	Busan, Korea
2013	44	47	Istanbul, Turkey
2011	43	46	San Juan, Puerto Rico
2009	42	45	Glasgow, Scotland
2007	41	44	Turin, Italy
2005	40	43	Beijing, China
2003	39	42	Ottawa, Canada
2001	38	41	Brisbane, Australia

01 CONFERENCE INFORMATION AND SUPPORT
02 DESTINATION AUCKLAND
03 LOCATION AND ACCESSIBILITY
04 EXPERIENCE AUCKLAND
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06 APPENDICES

LETTERS OF INVITATION

NEW ZEALAND INSTITUTE OF CHEMISTRY *www.nzic.org.nz*

Supporting Chemical Sciences

Professor Penelope J Brothers
President, NZIC
Phone +64 3 359 7275
Fax +64 3 359 7248
Email NZIC.office@nzic.org.nz

Dr. Lynn M. Soby
Executive Director, IUPAC
P.O. Box 13757
Research Triangle Park, NC 27709-3757

8 March 2017

Dear Dr Soby

The New Zealand Institute of Chemistry has great pleasure in inviting the IUPAC Bureau to consider our bid to host the 49th World Chemistry Congress and IUPAC 52nd General Assembly in 2023 in Auckland, New Zealand.

The chemistry community in New Zealand would be delighted to welcome back the World Chemistry Congress to the Oceania region for the first time since the in 2001 Congress, held in Brisbane, Australia.

The New Zealand Institute of Chemistry (NZIC) is a Constituent Organisation of the Royal Society of New Zealand (RSNZ), which is the IUPAC National Adhering Organisation for New Zealand. The NZIC bid has strong support from the RSNZ, and from the broader chemical science community within New Zealand.

Our bid document sets out information about the NZIC, the RSNZ, our organisational capability to host the World Chemistry Congress and IUPAC General Assembly, and showcases the city of Auckland as the venue.

Yours sincerely

Penelope J Brothers
President, New Zealand Institute of Chemistry

the ROYAL SOCIETY of NEW ZEALAND
TE APĀRANGI

9 March 2017

Dr. Lynn M. Soby
Executive Director, IUPAC
P.O. Box 13757
Research Triangle Park, NC 27709-3757

Dear Dr Soby

As indicated in our letter of intent of 15 February, 2017, The New Zealand Institute of Chemistry (NZIC) is bidding to host the IUPAC 52nd General Assembly and 49th World Chemistry Congress 2023 and IUPAC 52nd General Assembly 2023 in Auckland, New Zealand.

As the IUPAC National Adhering Organisation, the Royal Society of New Zealand (the Society) would like to express our full support for the bid by the NZIC - a Constituent Organisation of the Society.

The Royal Society of New Zealand is an independent statutory organisation with a history dating back to 1867. The Society promotes and advances science, technology and the humanities in New Zealand. The Society has 1420 individual members, ten regional branches within New Zealand, and around 50 discipline-based Constituent Organisation members. The Society will be able to promote the participation in the Congress through this network of members and Constituent Organisations.

We invite the IUPAC Bureau to consider the bid prepared by the NZIC, which includes details of the organisational capability within NZ and information about Auckland, NZ's largest city, international gateway and economic hub.

Yours sincerely

Dr A. C. Cleland
Chief Executive
The Royal Society of New Zealand

Fostering science, technology and humanities to enrich New Zealand
Royal Society of New Zealand, 11 Turnbull Street, Thorndon, PO Box 598, Wellington 6140, New Zealand
Phone: +64 4 472 7421, Fax: +64 4 473 1841, www.royalsociety.org.nz

HOST ORGANISATIONS

The New Zealand Institute of Chemistry (NZIC)
President: Professor Penelope J Brothers
FNZIC, FRSC, MACS
PO Box 39-112, Harewood,
Christchurch, New Zealand

P +64 3 359 7275

E NZIC.Office@nzic.org.nz

The New Zealand Institute of Chemistry was founded in 1931 to promote the science and practice of chemistry. It has six regional branches and a number of sub-discipline specialist groups. The NZIC hosts regular national conferences, offers a number of prizes and awards, and is active in supporting public outreach and education in chemistry at school and university level. NZIC publishes *Chemistry in New Zealand* and is a partner society in *Chemistry - An Asian Journal* (Wiley) and an owner society of *Physical Chemistry Chemical Physics* (RSC). NZIC is one of seven partner societies in the organisation of the five yearly Pacifichem Congress series. The NZIC has close ties to the Royal Australian Chemical Society (RACI) and the NZIC and RACI frequently organise and host joint conferences. The NZIC is a member of the Federation of Asian Chemical Societies. NZIC's approximately 1,000 members are drawn from New Zealand's universities, Crown Research Institutes (government research organisations), Centres of Research Excellence (national virtual research institutes) health-related organisations, the teaching profession, the public service and industry.

The Royal Society of New Zealand (RSNZ)
President: Professor Richard Bedford
QSO, FRSNZ
Royal Society of New Zealand,
PO Box 598, Wellington, 6140 New Zealand

P +64 4 472 7421

E International.Unions@royalsociety.org.nz

The Royal Society of New Zealand is an independent statutory organisation with a history dating back to 1867. The RSNZ promotes and advances science, technology and the humanities in New Zealand. At the organisation's core is its Academy of elected Fellows, New Zealand's top scholars and scientists. The RSNZ has 1,420 individual members, ten regional branches within NZ, and around 50 discipline-based Constituent Organisation members. The RSNZ serves as an independent voice within NZ which responds to changing concerns and emerging issues, and through its Early Career Researcher Forum also represents the national voice of New Zealand's early career researcher community. The RSNZ awards scholarships, medals and research grants (including the prestigious Marsden Grants), promotes public events and participation in science, provides informed advice on key issues to promote debate, publishes high quality research in its journals and manages international alliances and collaborations for a wide range of science disciplines in NZ.

The New Zealand Institute of Chemistry is one of the Constituent Organisation members of the RSNZ. Other Constituent Organisation members with strong alignment with the discipline of chemistry, in its broadest sense, represent pharmacology and toxicology, geoscience, physics, meteorology, freshwater and marine sciences, agricultural and horticultural science, food science and technology, microbiology, biochemistry and molecular biology, soil science and health sciences. This breadth of disciplinary representation will give the RSNZ broad reach in hosting the world IUPAC Congress.

New Zealand's economy is historically based on agriculture and while this remains strong, in the 21st century the country is developing an innovation-based economy with broad impacts for the advancement of the concerns of humanity and the environment. Chemistry, of course, underpins many of these.

CHEMISTRY WITHOUT BORDERS

The congress name will be “Chemistry Without Borders” which has meaning on two levels. Chemistry as a science is now highly interdisciplinary and its borders are very diffuse as scientists work together to solve the immediate challenges affecting the future of humanity and our planet. Scientists themselves work without regard to geopolitical borders as they collaborate to bring their collective skills and knowledge to bear on these increasingly pressing challenges. The 2023 World Chemistry Congress will embrace interdisciplinary chemical science and the free exchange of ideas and information as we celebrate “Chemistry Without Borders”. The principles of sustainability, excellence and participation will underpin the organisation of the congress in order to best express this overall theme.

New Zealand’s place in the world as an internationally well-regarded country with a reputation for ethical foreign policy and strong environmental values is a fitting venue for the Chemistry Without Borders theme. New Zealand has excellent accessibility for foreign visitors. No visitors are excluded based on their country of origin. Citizens of over 60 countries can make short visits without the need to apply for a visa.

GOALS OF THE 49TH WORLD CHEMISTRY CONGRESS

- To present the most outstanding relevant developments in modern chemistry
- To inspire high standards of excellence in pure and applied chemistry research
- To attract outstanding scientists to present central lectures on modern chemical research
- To inspire the young generation of chemists in developed and developing countries.

Sustainability:
This is emerging as an overarching theme for the issues humanity faces in the 21st century. The Congress will address this both through the topics of the presentations, and through the organisation and conduct of the actual meeting.

Excellence:
New Zealand scientists are at the forefront of their disciplines worldwide. We are well placed to issue invitations to the world's leading chemical scientists, including Nobel Laureates. Design of the programme and the invited and contributed presentations will have excellence as their overarching criterion for selection.

Participation:
Priorities will be emerging scientists at the student and early career levels, and diversity including gender, ethnicity and global representation.

The host organisations NZIC and RSNZ will select plenary speakers with broad appeal, and keynote speakers who can headline the main interdisciplinary themes of the conference. There will be a balance of invited and contributed oral presentations. The programme will have sufficient parallel sessions to provide both breadth and depth, and to allow for maximum participation and exchange of ideas. The congress will feature a full programme for Young Chemists.

INTERDISCIPLINARY CHEMICAL SCIENCE SCIENTISTS WORKING FOR THE WORLD

Plenary lectures
The Chemistry Without Borders theme will be featured in eight plenary lectures structured around eight interdisciplinary chemical science themes that also illustrate how scientists are working for the world, addressing the major issues faced now and into the future. These themes are readily accessible beyond the discipline of chemistry and will serve to highlight to the international media the importance of the Congress and its impact.

Health	Security	Atmosphere	Food
Water	Energy	Fuel	Environment

Technical symposia, keynote lectures and poster sessions
Eight to ten technical symposia which are organised to align with more traditional chemistry disciplines will run concurrently through the congress. Keynote lectures will be featured in both the interdisciplinary themes and the technical symposia. The topics of the technical symposia will be developed and the plenary speakers and technical symposium chairs will be proposed at a congress planning workshop scheduled to be held at the New Zealand Institute of Chemistry national conference in mid-2018. A National Scientific Advisory Panel comprising NZ and international distinguished scientists will advise on and oversee the outcomes of the workshop. This will have the advantage of engaging chemical scientists from throughout New Zealand in focussed congress planning.
Early career chemists will play an integral role in the congress planning process as they will inherit the future of the discipline. The timing of the congress planning workshop, 5 years out from the congress date, will allow ample time for securing commitments from plenary speakers and technical symposium chairs. Three poster sessions each accommodating 250 – 300 posters will be scheduled in exhibition hall space within the congress venue.

Young Chemists
A full programme for Young Chemists will be scheduled, comprising technical sessions, networking and professional development opportunities. We will enlist the help and support of the International Young Chemists Network in planning this programme which will also be considered at the NZIC symposium planning workshop in 2018. Young Chemists' attendance at the congress will be supported through a reduced registration fee for students and travel grant support to be generated through targeted fundraising.

General Assembly
The meetings associated with the IUPAC General Assembly will both precede and run in parallel with the Congress and share a combined registration system, Opening Ceremony, Welcome function and Closing Ceremony. The New Zealand International Convention Centre has ample configurable space and all the technical, personnel and catering requirements of the meetings associated with the General Assembly can be met.

Conference dates

Congress	Sunday 9 July – Friday 14 July 2023
General Assembly	Friday 7 July – Friday 14 July 2023

These dates coincide with the New Zealand and Australian universities inter-semester break. This will allow maximum participation by delegates from the immediate Oceania region, including students to serve as General Assembly and Congress assistants.

Social programme

Congress and General Assembly delegates	Welcome function (included in registration)
IUPAC Council members	Council reception
IUPAC Bureau members	Bureau dinner
Congress and General Assembly delegates	Gala dinner (optional)
Congress delegates	Mid-week afternoon free for tourism and networking

The New Zealand International Convention Centre has suitable venues for the Welcome function, Council reception and Gala dinner. The NZICC is within a few minutes' walk of prime Auckland harbour front locations which will provide many opportunities for delegates to find other food and entertainment outlets to suit all tastes and budgets. The Bureau dinner will be held at one of Auckland's many fine restaurants within a few minutes' walk of the NZICC.

ORGANISATIONAL CAPABILITY IN NEW ZEALAND

New Zealand Institute of Chemistry members travel widely and are active in many important international forums, including IUPAC, as journal editors, conference symposium organisers and presenters. As such, they are well placed to plan and deliver a forward-looking congress organised to international standards.

The Congress Chair will be Distinguished Professor Margaret Brimble from the University of Auckland. Professor Brimble is an internationally pre-eminent chemist who has been recognised by many awards in New Zealand and world-wide. She is currently President of the Organic and Biomolecular Division of IUPAC. Professor Brimble will be supported by a National Scientific Advisory Panel and a Congress Organising Committee, the members of both drawn from all branches of the chemical sciences and the major institutions in New Zealand. The conference bid is supported by the other New Zealand representatives currently serving IUPAC: Professor Richard Hartshorn (IUPAC Secretary General), Associate Professor Gregory Russell (President, Polymer Division), and Dr Suzanne Boniface (Committee on Chemistry Education).

The Congress Organising Committee, currently led by New Zealand Institute of Chemistry Council members Professor Penelope Brothers (President, NZIC), Associate Professor Paul Plieger (Past President, NZIC) and Associate Professor James Crowley (Vice-President, NZIC) has already secured NZD120,000 (USD86,000) for assistance with preparation of the bid from the Tourism New Zealand Conference Assistance Programme Fund.

The conference will be held in the New Zealand International Convention Centre in the heart of Auckland, New Zealand's largest city, international gateway and economic hub. The Centre has the capacity for 300-400 General Assembly and 2,500-3,000 Congress attendees with state of the art facilities for formal presentations and opportunities for delegates to communicate informally.

Tourism New Zealand and the Auckland Convention Bureau (part of Auckland Tourism, Events & Economic Development) will support the Congress Organising Committee with connections, assistance and advice relating to site visits, marketing initiatives to boost delegate attendance, travel and visa suggestions, accommodation options and general local arrangements to ensure that all delegates, especially international visitors to Auckland, maximise their experience and opportunity to participate in the conference.

Major chemistry sub-discipline conferences are regularly held in New Zealand, typically attracting 200-700 delegates, depending on the theme. The organisers of these conferences have attracted world experts, including Nobel Laureates, as plenary and keynote speakers. This inspires confidence that a World Chemistry Congress covering all disciplines of chemistry will attract significant registrations.

8th International Conference on Advanced Materials and Nanotechnology
Queenstown 2017 · 500 delegates

8th Asian Biological Inorganic Chemistry Conference
Auckland 2016 · 340 delegates

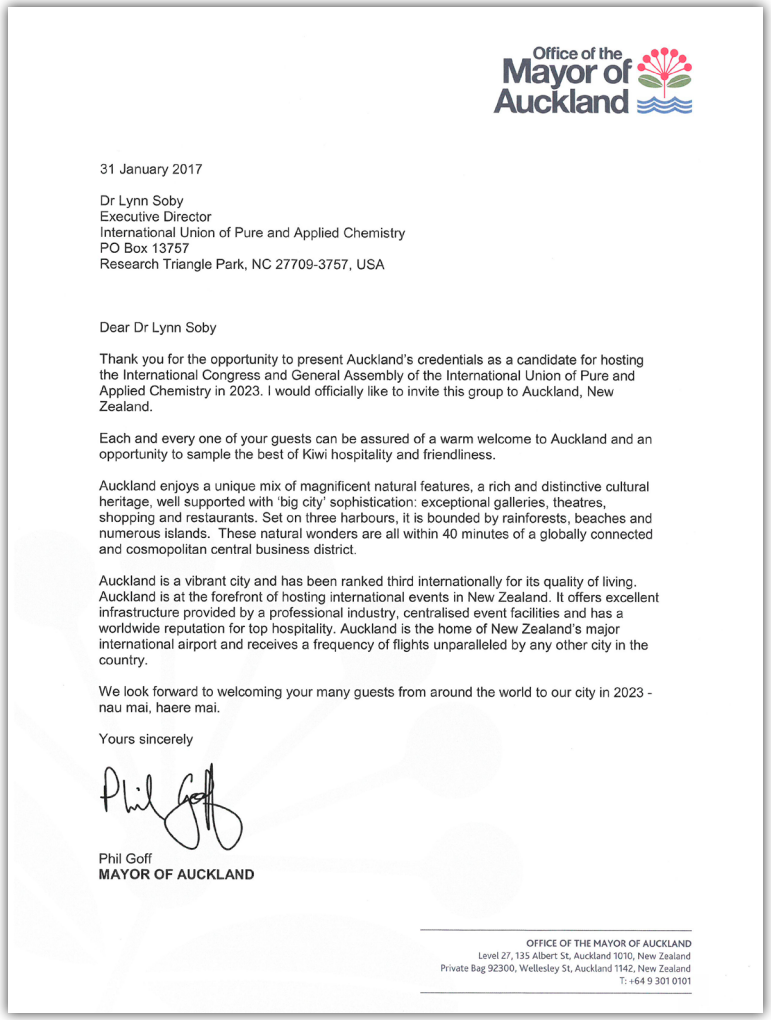
19th International Society of Electrochemistry Topical Meeting
Auckland 2016 · 220 delegates

12th International Conference on Frontiers of Polymers and Advanced Materials
Auckland 2013 · 500 delegates

14th International Conference on Organic Synthesis (ICOS 14 – IUPAC)
Christchurch 2002 · 700 delegates

The Royal Australian Institute of Chemistry (RACI) supports this bid. RACI and NZIC work closely together to represent and promote chemistry in the Oceania region, and support each other's conferences and events, including holding joint conference series that rotate venues between New Zealand and Australia. The 4,000 members of the RACI, combined with 1,000 from NZIC, increase the pool of potential regional delegates and also sources of advice, assistance and international contacts.

LETTERS OF SUPPORT



Office of the Mayor of Auckland

31 January 2017

Dr Lynn Soby
Executive Director
International Union of Pure and Applied Chemistry
PO Box 13757
Research Triangle Park, NC 27709-3757, USA

Dear Dr Lynn Soby

Thank you for the opportunity to present Auckland's credentials as a candidate for hosting the International Congress and General Assembly of the International Union of Pure and Applied Chemistry in 2023. I would officially like to invite this group to Auckland, New Zealand.

Each and every one of your guests can be assured of a warm welcome to Auckland and an opportunity to sample the best of Kiwi hospitality and friendliness.

Auckland enjoys a unique mix of magnificent natural features, a rich and distinctive cultural heritage, well supported with 'big city' sophistication: exceptional galleries, theatres, shopping and restaurants. Set on three harbours, it is bounded by rainforests, beaches and numerous islands. These natural wonders are all within 40 minutes of a globally connected and cosmopolitan central business district.

Auckland is a vibrant city and has been ranked third internationally for its quality of living. Auckland is at the forefront of hosting international events in New Zealand. It offers excellent infrastructure provided by a professional industry, centralised event facilities and has a worldwide reputation for top hospitality. Auckland is the home of New Zealand's major international airport and receives a frequency of flights unparalleled by any other city in the country.

We look forward to welcoming your many guests from around the world to our city in 2023 - nau mai, haere mai.

Yours sincerely

Phil Goff
MAYOR OF AUCKLAND

OFFICE OF THE MAYOR OF AUCKLAND
Level 27, 135 Albert St, Auckland 1010, New Zealand
Private Bag 92300, Wellesley St, Auckland 1142, New Zealand
T: +64 9 301 0101

Auckland Tourism, Events and Economic Development
An Auckland Council Organisation

AUCKLAND

27 January 2017

Dr. Lynn Soby
Executive Director
International Union of Pure and Applied Chemistry
PO Box 13757
Research Triangle Park, NC 27709-3757, USA

Dear Dr. Soby

Thank you for the opportunity to present Auckland as a host city for the (IUPAC) International Congress and General Assembly of the International Union of Pure and Applied Chemistry in 2023.

Auckland Tourism, Events and Economic Development (ATEED) is Auckland's economic growth agency and is tasked with making Auckland a more desirable place to visit, live, invest and do business.

Auckland's economy is fuelled by innovative businesses, many of which operate in advanced industries. For the past three years STEM-focused industries has grown at an accelerated rate in Auckland.

Auckland and New Zealand would welcome the opportunity to host a world leading conference such as the IUPAC, which would position Auckland firmly in the minds of key international influencers and creating strong relationships between research and industry.

Auckland boasts a unique mix of magnificent natural features and a rich and distinctive cultural heritage supported by 'big city' sophistication: exceptional galleries, theatres, shopping and restaurants. Auckland is also home to New Zealand's major airport, Auckland International Airport, which has a flight frequency unparalleled by any other city in New Zealand.

You can be assured of thorough professionalism and strong support for your conference in Auckland, coupled with our unique personal touch which will make your event a highly memorable and successful experience.

We look forward to welcoming International Union of Pure and Applied Chemistry's many guests from around the world to our city in 2023 - nau mai, haere mai.

Yours sincerely

Brett O'Riley
Chief Executive

139 Quay Street, PO Box 5561, Wellesley Street,
Auckland 1141, New Zealand
P +64 9 365 0500
aucklandnz.com/ateed

LETTERS OF SUPPORT

raci
Royal Australian Chemical Institute

7th March 2017

Professor Penny Brothers
School of Chemical Sciences,
The University of Auckland
Private Bag 92019,
Auckland, New Zealand

Dear Professor Brothers,

Subject:- Support of NZIC's bid to host 52nd IUPAC General Assembly and 49th Congress in 2023

The Royal Australian Chemical Institute support the New Zealand Institute of Chemistry's bid to host the 52nd IUPAC General Assembly and 49th Congress in 2023. We believe it is important to bring the event to new countries to promote the chemistry message globally.

The NZIC and RACI have a long history of supporting each other's major events in the region and the RACI will be pleased to assist in any way we can to ensure the success of the venture.
The RACI will be presenting a Centenary Congress with over 3000 delegates expected in July of this year and will be willing to share the experience gained to assist the NZIC to organise the 2023 event if required.

Yours Sincerely

Prof. P Junk
President
RACI

R.G.Stapleford
CEO
RACI

Founded in 1917 Reg No A0040386D
ABN 69 030 287 244
NATIONAL OFFICE: 21 VALE STREET NORTH MELBOURNE VICTORIA 3051
TEL: (03) 9328 2033 FAX: (03) 9328 2670 e-mail member@raci.org.au

Message of support from the Federation of Asian Chemical Societies

http://www.facs-as.org/

From: Ahmad Jasim [mailto:jasimahmad47@gmail.com]

Sent: Friday, 10 March 2017 12:31 a.m.

To: Penny Brothers <p.brothers@auckland.ac.nz>

Cc: Dr. Md. Wahab Khan <mwkhan@chem.buet.ac.bd>

Subject: Letter of support for 2023 IUPAC congress bid by New Zealand

Dear Prof. Penny Brothers,

Thank you for your mail.

As requested, I am sending the following message as support.

As the President and Secretary General of the Federation of Asian Chemical Societies, we are glad to support the bid by the New Zealand Institute of Chemistry to host the IUPAC 52nd General Assembly and 49th IUPAC Congress in 2023 in Auckland, New Zealand.

Best regards.

Prof. Jasim Uddin Ahmad C.Chem. FRSC
President, FACS

Prof. M Wahab Khan
Secretary General, FACS

LETTERS OF SUPPORT

NEW ZEALAND
TOURISM

TOURISM NEW ZEALAND – MANAAKITANGA AOTEAROA
147 Victoria Street West, Auckland 1010
PO Box 91 893, Auckland 1142
New Zealand
PH +64 9 914 4780
FAX +64 9 914 4789

Dr. Lynn M. Soby
Executive Director
International Union of Pure & Applied Chemistry (IUPAC)
79 T.W. Alexander Drive
Building 4501 Suite 190
Research Triangle Park NC 27709
US

10 February 2017

Dear Lynn,

Tourism New Zealand is pleased to support the bid by the New Zealand Institute of Chemistry to host the International Congress and General Assembly of the International Union of Pure and Applied Chemistry in Auckland, New Zealand in 2023.

New Zealand's capacity to deliver outstanding international conferences is recognised worldwide with its state of the art conference facilities and accommodation, as well as our unique cultural and recreational attractions.

We are confident that Auckland will exceed your expectations as a conference destination and we hope that the bid to host the conference in Auckland is successful.

Kind Regards

Brighid Kelly
Chief Executive
Tourism New Zealand

100% PURE NEW ZEALAND
businessevents.newzealand.com

02 DESTINATION AUCKLAND

WITH A COMBINATION OF CITY SOPHISTICATION AND WORLD-CLASS FACILITIES SET IN A STUNNING NATURAL PLAYGROUND, AUCKLAND HAS EVERYTHING YOU NEED TO CREATE AN EXCEPTIONAL WORLD CONGRESS.

VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

The NZICC will be New Zealand's meeting place for the world. We, the NZICC, look forward to the opportunity to host the 49th World Chemistry Congress and IUPAC 52nd General Assembly in 2023 and help facilitate scientific exchange, bringing together the greatest of minds in an inspiring and innovative setting within the heart of Auckland.

CAPACITY 3,150

NUMBER OF ROOMS 2,700m² of flexible meeting space configurable to up to 35 unique rooms

TIME TO AIRPORT 35 min drive

HOTELS Over 6,500 hotel rooms within walking distance

Our customer is our compass
In New Zealand we use the word "Manaakitanga" to describe our unique culture of hospitality and delivering the absolute best to our visitors, and it is found at the heart of everything we do. We dream of what is possible and believe it can be done.

NZICC's 'nothing is impossible' Kiwi culture provides the perfect environment for story telling, new collaborations, fresh conversations and positive exchange to flourish.

New Zealand's spirit of "Kaitiakitanga" - guardianship, of our people, our place and our future, shapes the architecture of our environment. The NZICC will be a platform and an incubator for innovation and progressive global thinking, we give visitors the space to see things from fresh perspectives - allowing them to view the world, not as it is, but as it can be.

We facilitate meaningful experiences that could only ever happen here, in the heart of Auckland, New Zealand, at the NZICC - always authentic, entirely refreshing and inspiringly unconventional.

Openness and connectedness
The NZICC is located within the heart of the city, making it one of the most urban convention centres in the world. An inviting and transparent convention centre in the heart of the city will allow your participants the perfect connection with the natural beauty of Auckland.

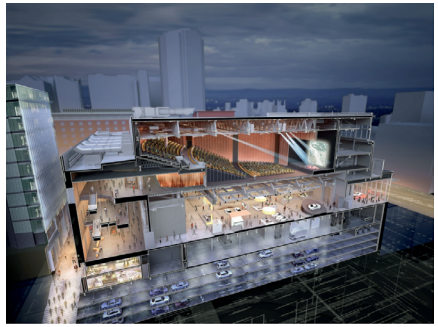
The NZICC project will be a living part of the city, not apart from it. No other convention centre in the world has achieved the level of urban integration that will be achieved in Auckland's new venue.

The design allows participants to experience natural light, alongside stunning views across the Waitakere ranges, Auckland Harbour and the City.

An integrated atrium and laneway will provide a conduit through the city, while also ensuring that a real Auckland experience in the form of New Zealand world-class hospitality, food and beverages is delivered to your participants.

Expected completion date 2019
The NZICC is due to open mid-2019 and we are now discussing business from the 1st of July 2019 onwards. We have several international events already confirmed and at this stage, the first of these is taking place in October 2019. This event has not yet been formally announced however the below events have been secured for the NZICC:

- Tripartite Colorectal Meeting (February 2020)
- International Association for Prevention of Blindness (March 2020)
- Asia Pacific Academy of Ophthalmology (March 2020)
- World Veterinary Congress (April 2020)
- IUFoST World Congress of Food Science and Technology (September 2020)



VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

Sustainability
As the largest convention centre of its kind to be built in New Zealand, the NZICC has a responsibility to embrace sustainable business practices and deliver an authentic experience that enhances the smart and innovative business approach for which New Zealand is so well regarded. As such, the NZICC is committed, through construction and operations, to ensure we deliver the most favourable experience for participants in a venue that promotes sustainable business practices and has minimal environmental impact.

The NZICC's culture will be core to our brand development and a substantial factor in defining our competitive practices and policies. It will provide a sense of common purpose amongst employees and frame how we approach complex problems through a cycle of renewal.

To determine the success with which this is achieved, the NZICC has adopted a sustainability management plan and will participate in two independent verification programmes.

The first, achieving a certified status through the independent green building rating system, Leadership in Energy and Environmental Design (LEED).

Secondly, the NZICC will become a member of AIPC, the International Association of Convention Centres. The NZICC will aspire to achieve and maintain a gold standard in AIPC's Quality Standards Programme throughout the operation of the NZICC.

This global programme identifies and independently evaluates 10 key areas of convention centre performance - customer service, quality of facilities and operations, employee relations, health, safety, security and emergency response, financial integrity, community relations, environmental responsibility, industry relations and supplier relations. A gold standard rating would illustrate the very highest level of performance by global standards.

"If you look at history, innovation doesn't come just from giving people incentives; it comes from creating environments where their ideas can connect."

Steven Johnson

VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

IUPAC Congress and General Assembly at NZICC
The NZICC will have fully configurable spaces designed around the Exhibition Hall on level 3 and the Plenary Theatre on level 5 allowing for generous large spaces or more intimate meeting areas. Diagrams on pages 19-25 show the NZICC spaces configured as both boardrooms (suitable for the General Assembly) and theatres (suitable for the Congress). Interactive floorplans of the NZICC showing the configurability can be found at www.nzicc.co.nz/venue. The Opening Ceremony, plenary lectures and closing ceremony will be held in the Plenary Theatre.

General Assembly
In the divided configuration, level 5 contains up to 12 boardroom spaces (from 12 to over 50 seats each) with a further seven boardrooms on levels 1, 3 and 4 (40-60 seats each). The Secretariat Office, space for IUPAC officers and a delegates' lounge can be accommodated amongst these rooms as required. Rooms can be merged for larger meetings such as the World Chemistry Leadership Meeting. An internal air bridge on level 4 connects the NZICC with adjacent hotels with 20 suites that can be converted into additional meeting rooms.

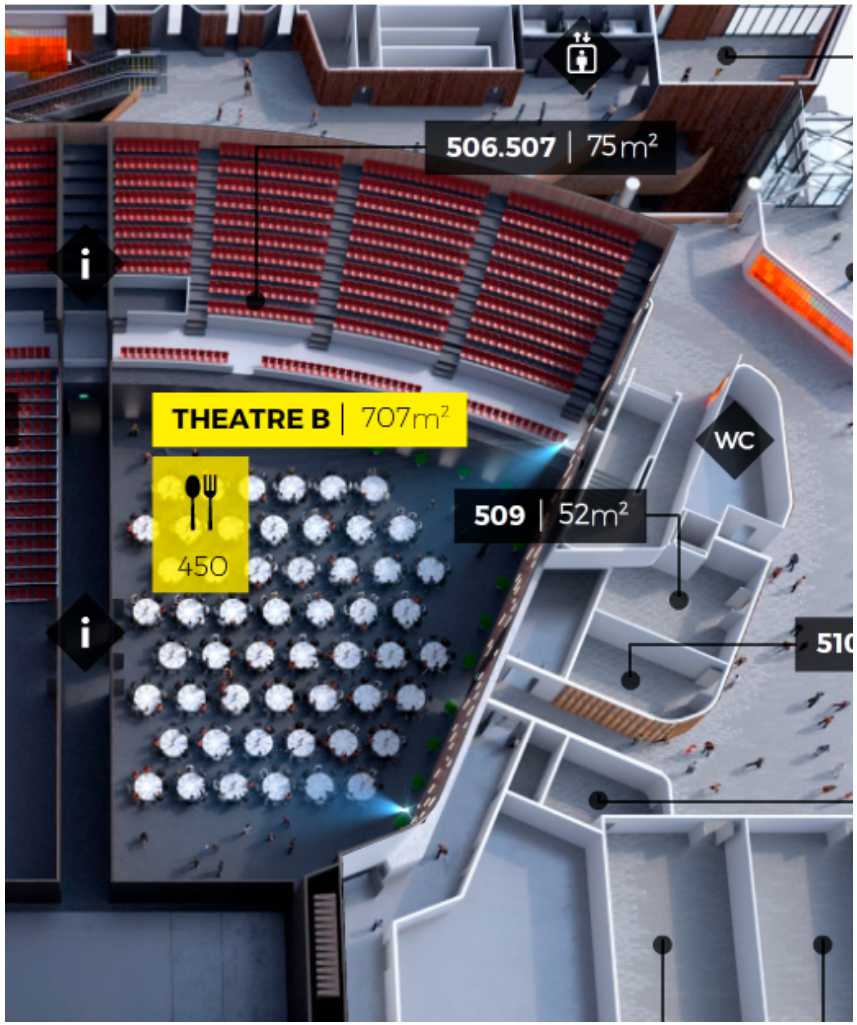
Council meeting room
The Council meeting room is proposed for Theatre B in a flat floor configuration (see diagram at right). This can accommodate up to 360 people in a cabaret or classroom style seating. There will be additional space on the flat floor for observer seating or they could use the tiered seating in the balcony area if preferred.

Lunch for the council is not catered for, so there are several restaurant options within a 2-5 minute walk from the NZICC. The NZICC can also organise for lunch items to be sold on a cash basis in an adjoining foyer or through our onsite retail food outlets.

World Congress
When combined, level 3 comprises a large exhibition space for exhibitors and poster sessions, along with the ability to be divided up in to 3 separate theatres (100-200 seats). The plenary lecture theatre on level 5 hosts 2,850 people with permanent staging and has the ability to be separated in to two concurrent theatres to allow for parallel session. Each theatre can accommodate 1,200 seats. Alongside the plenary theatre there are multiple options allowing theatre settings for 100 > 500 seats. Meeting space on level 1 can also be converted to two 125 seat theatres. Level 3 has two large galleries (Hobson and Wellesley) suitable for coffee breaks and the Council reception. The spacious pre-function space on level 5 is also available.

Coffee breaks
There will be a common area for coffee breaks. It is anticipated that the Hobson Street Gallery will be used for registration and this would be the ideal location for tea and coffee during the general assembly. If preferred, tea and coffee can be served in the foyer adjacent to the meeting rooms. During the Congress, tea and coffee will be served in the exhibition area to encourage delegates to network and visit with the exhibitors.

Poster sessions
It is proposed that the posters be incorporated into the same space as the exhibition (Hall 1, 2, 3 and Wellesley Street Gallery combined). These can be "walled off" for privacy if required.

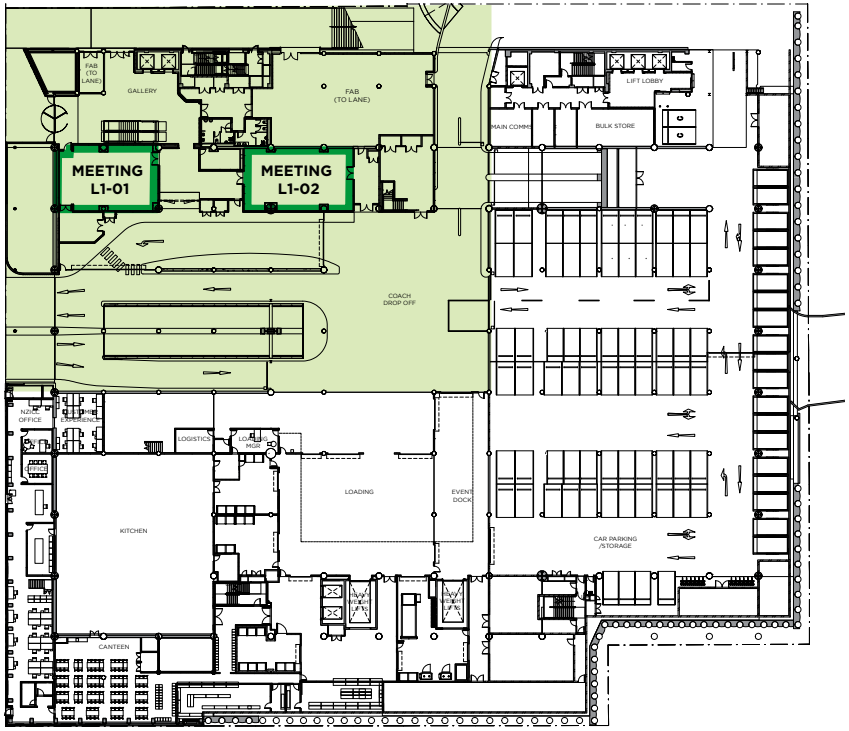


Theatre B (level 5) configured for Council meeting.

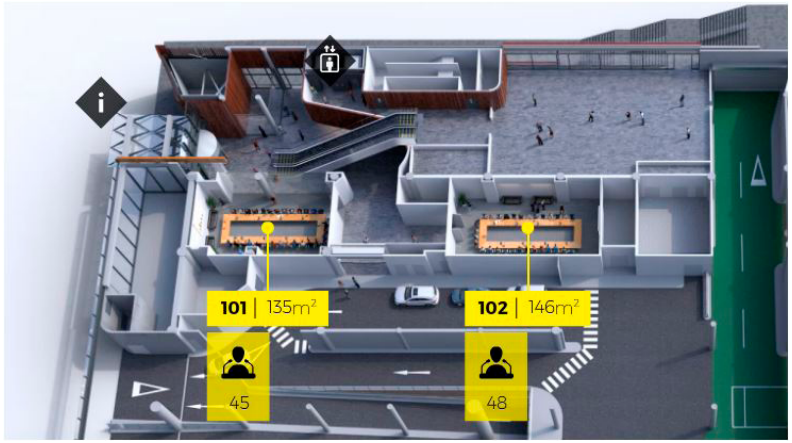
VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

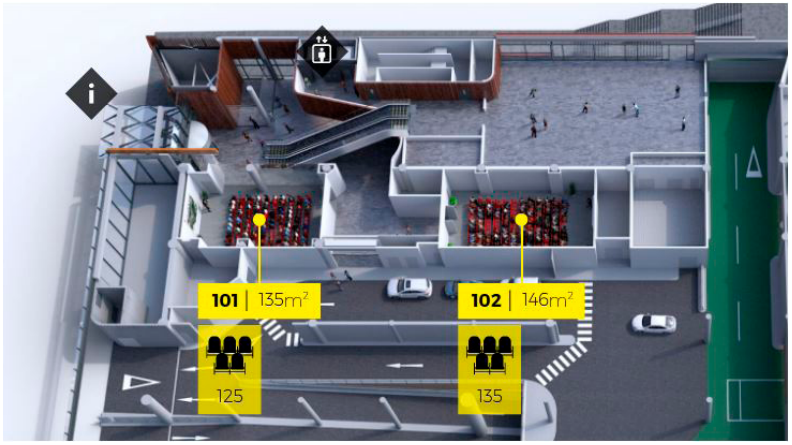
LEVEL 1
BOARDROOM/THEATRE SPACES



LEVEL 1	AREA m²	THEATRE CAPACITY	BOARDROOM CAPACITY
Meeting Room 01	135	125	45
Meeting Room 02	246	135	48



Level 1 Boardroom configuration

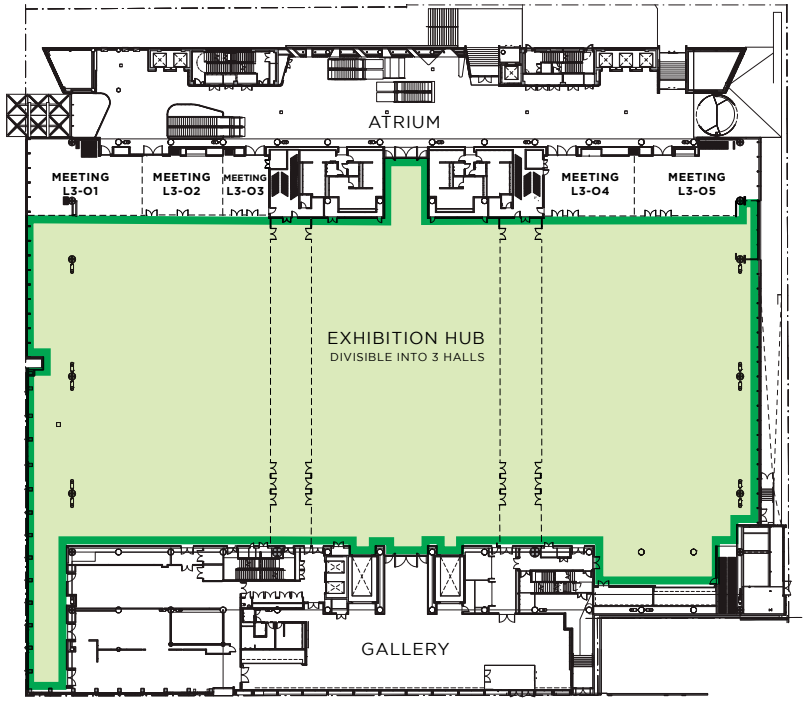


Level 1 Theatre configuration

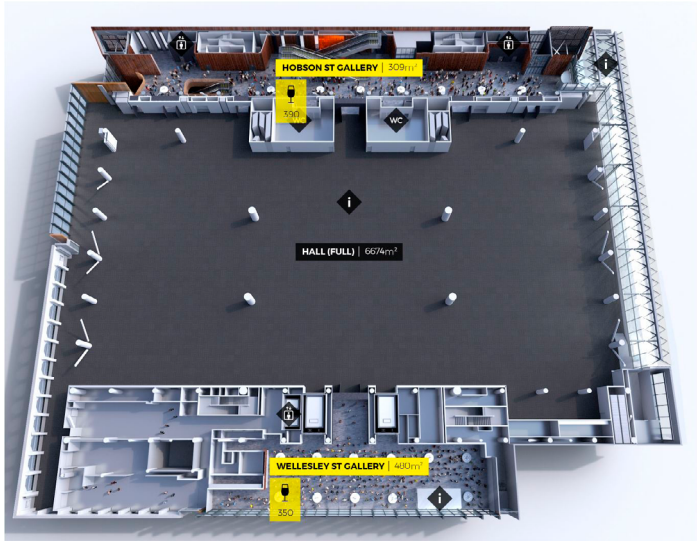
VENUE

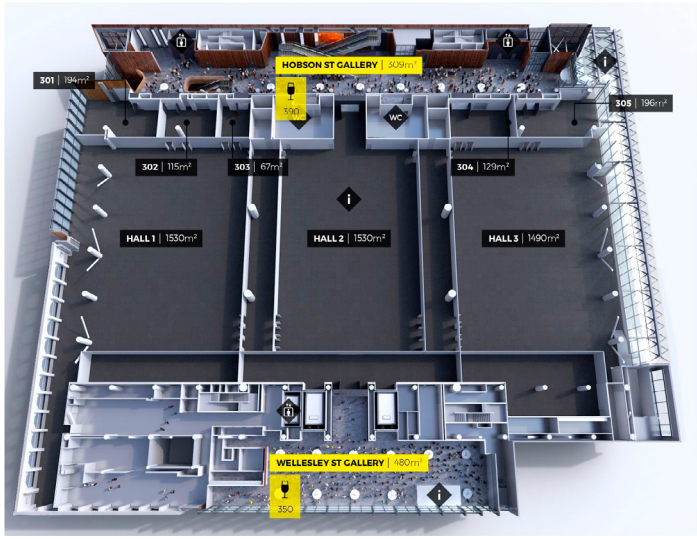
NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 3 EXHIBITION



EXHIBITION HUB	AREA m²	CAPACITY
Exhibition Hub (Full)	6,674	400 3m x 3m Booths
Exhibition Hub (Full)	6,674	3,000 Banquet
Exhibition Hub (Full)	6,674	4,000 Cocktail
Hall 1	1,530	1,700 Cocktail
Hall 2	1,530	1,700 Cocktail
Hall 3	1,490	1,660 Cocktail

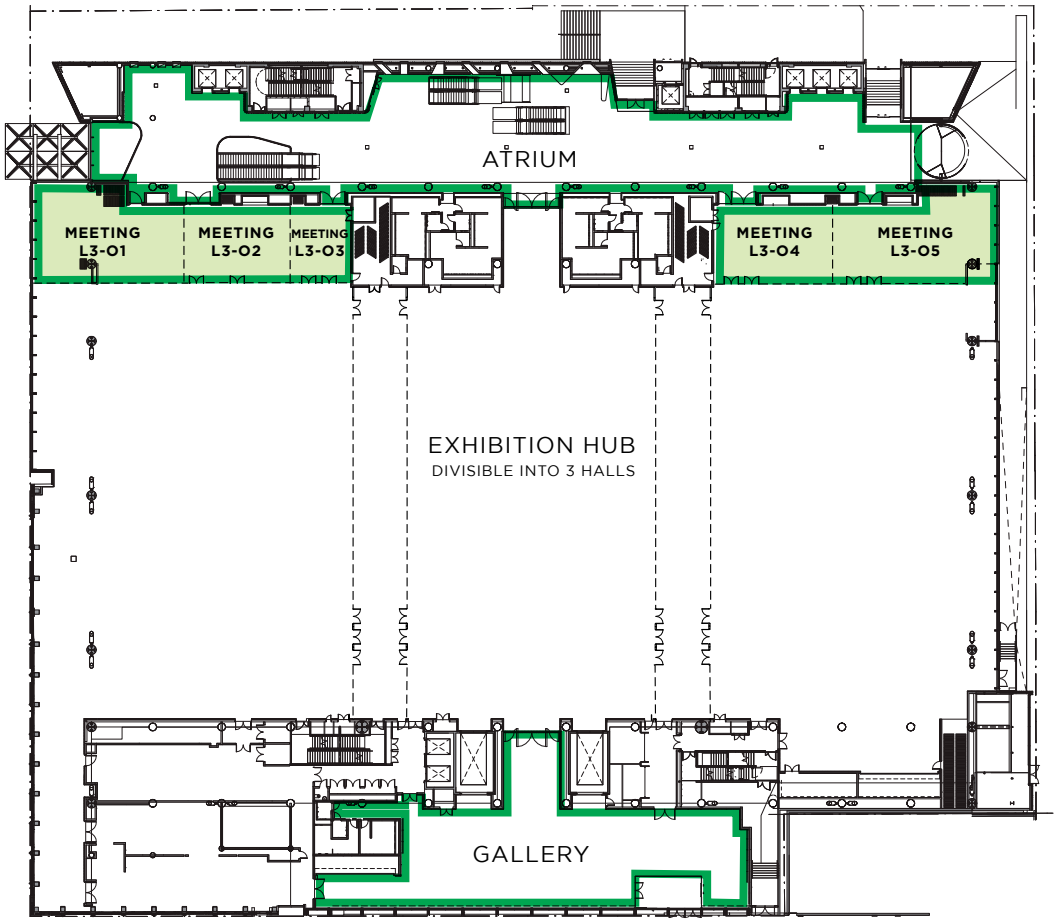


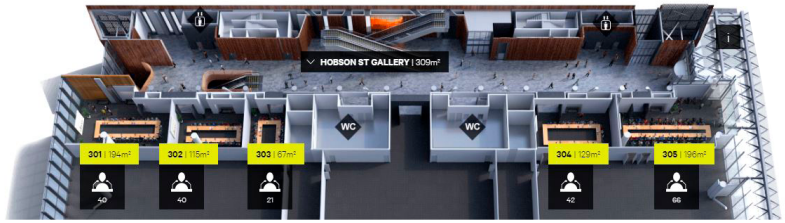


VENUE

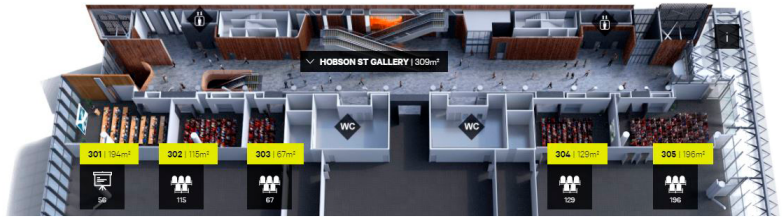
NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 3
BOARDROOM/THEATRE SPACES





Level 3 Boardroom configuration



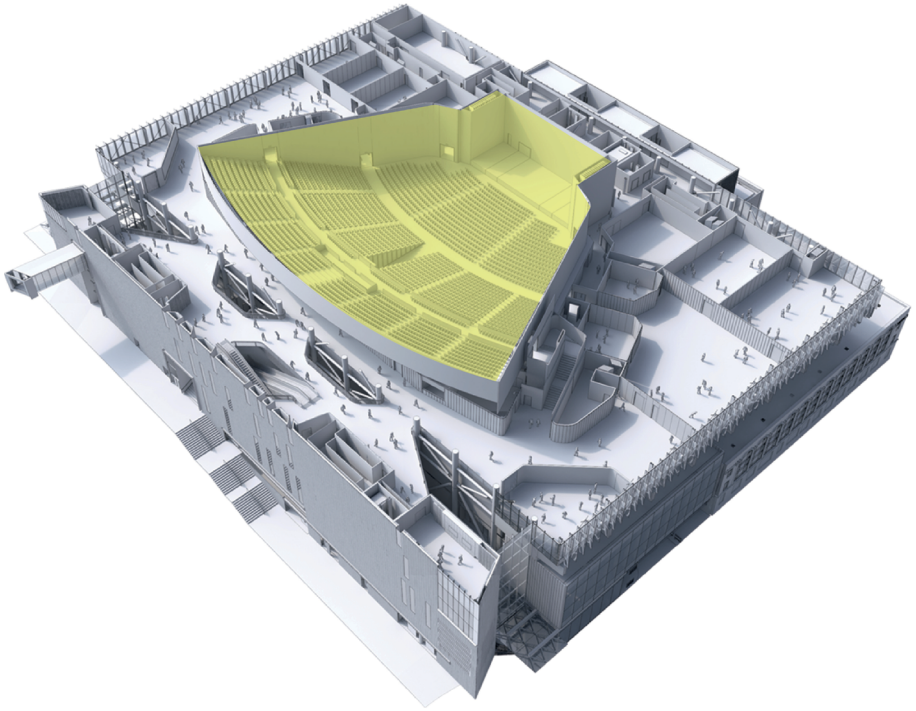
Level 3 Theatre configuration

LEVEL 3	AREA m²	THEATRE CAPACITY	BOARDROOM CAPACITY
Meeting Room 01	194	194	40
Meeting Room 02	115	115	40
Meeting Room 03	67	67	21
Meeting Room 04	129	129	42
Meeting Room 05	196	196	66
Hobson St Gallery	309		390 Cocktail
Wellesley St Gallery	480		350 Cocktail

VENUE

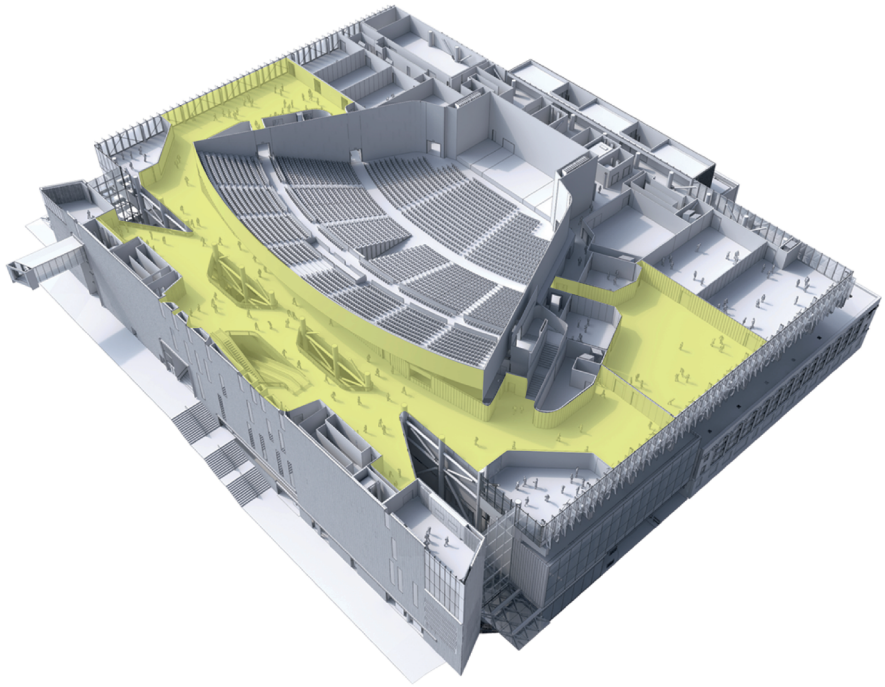
NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 5 PLENARY



PLENARY	AREA m²	CAPACITY
Plenary Theatre	1,620	2,850 Theatre Style
Plenary Theatre	1,620	1,150 Banquet
Plenary Theatre	1,620	1,800 Cocktail

LEVEL 5 PRE-FUNCTION SPACE

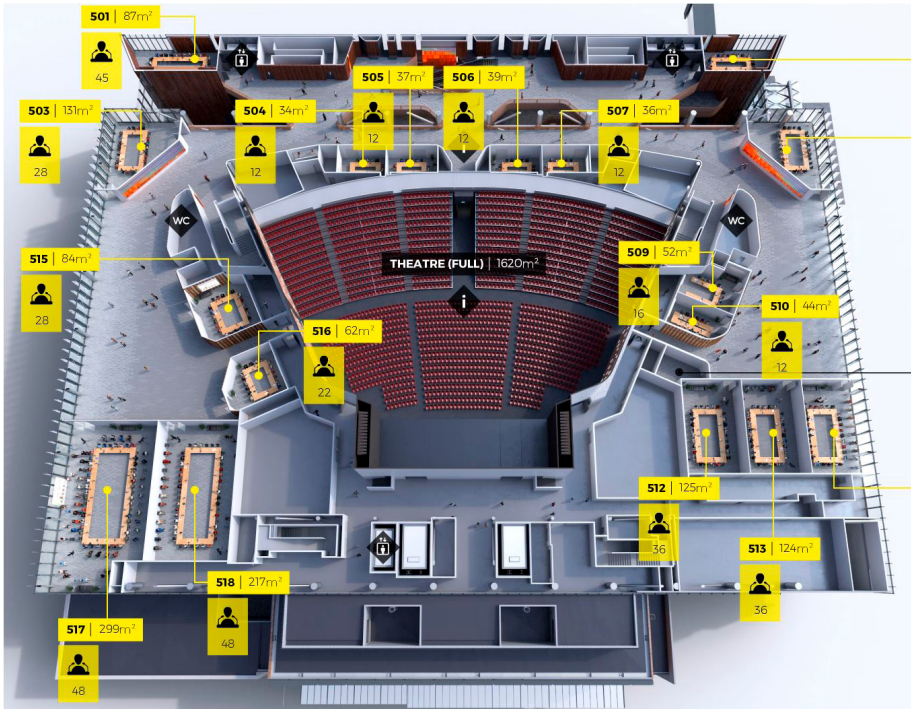


PRE-FUNCTION SPACE	AREA m²	CAPACITY
Pre-Function Space	2,700	2,700 Cocktail

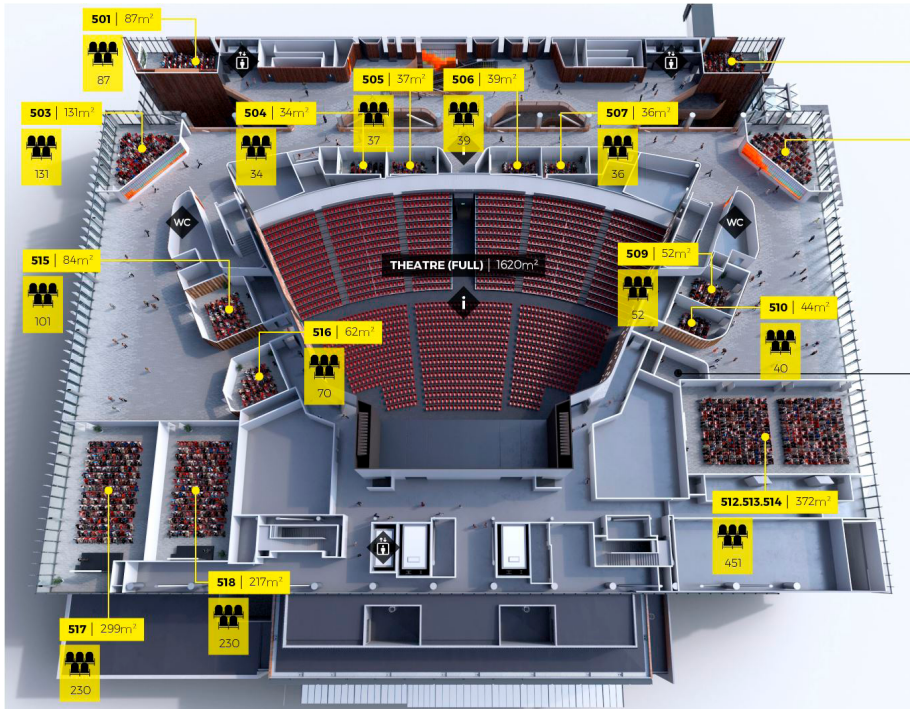
VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 5
BOARDROOM/THEATRE SPACES



Level 5 Boardroom configuration

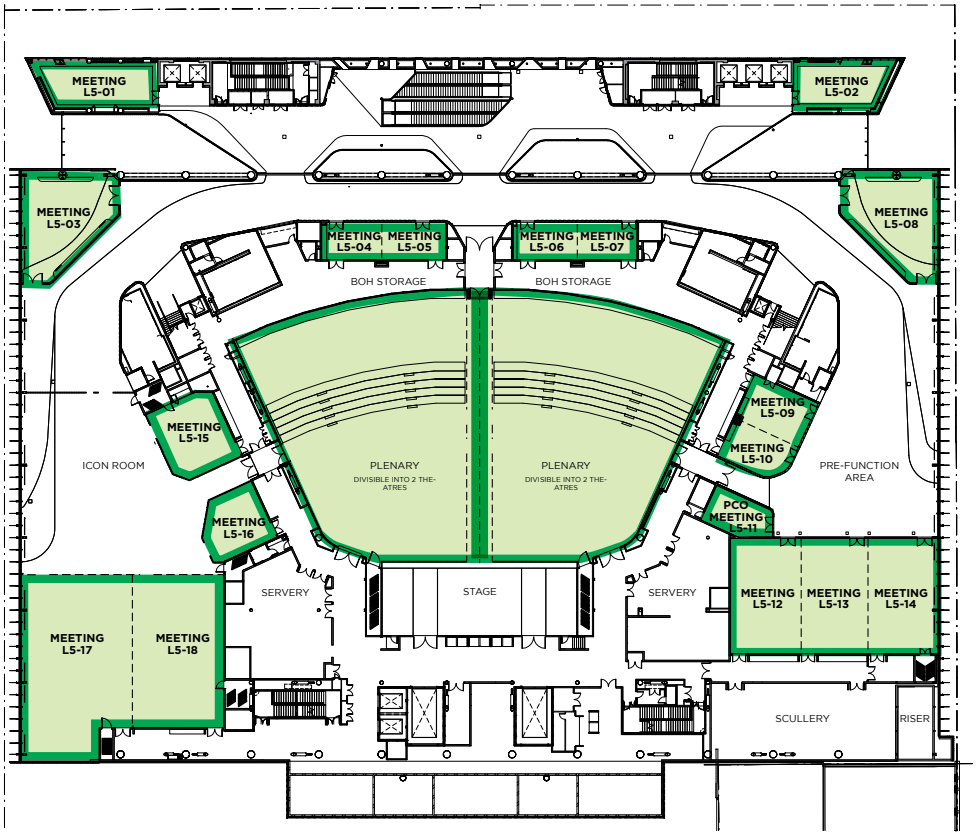


Level 5 Theatre configuration

VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 5
BOARDROOM/THEATRE SPACES

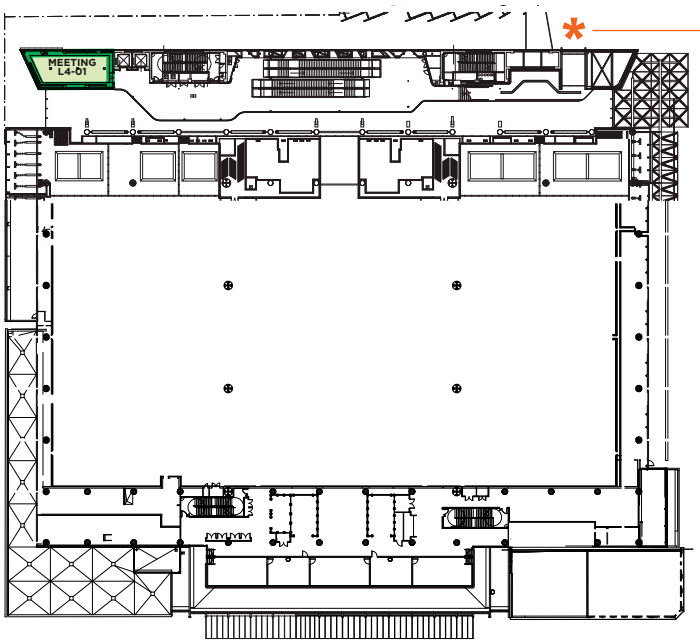


LEVEL 5	AREA m²	THEATRE CAPACITY	BOARDROOM CAPACITY
Theatre A	707	1,200	
Theatre B	707	1,200	
Meeting Room 01	87	87	45
Meeting Room 02	65	65	33
Meeting Room 03	131	131	38
Meeting Room 04	34	34	12
Meeting Room 05	37	37 (71)	12
Meeting Room 06	39	39	12
Meeting Room 07	39	36 (75)	12
Meeting Room 08	131	131	28
Meeting Room 09	52	52	16
Meeting Room 10	44	40 (106)	12
Meeting Room 11	40	40	12
Meeting Room 12	125	125	48
Meeting Room 13	124	124 (451)	48
Meeting Room 14	123	123	48
Meeting Room 15	84	101	28
Meeting Room 16	62	70	22
Meeting Room 17	299	230	108
Meeting Room 18	217	230 (516)	96
Pre-Function Space	2,700	2,700 Cocktail	

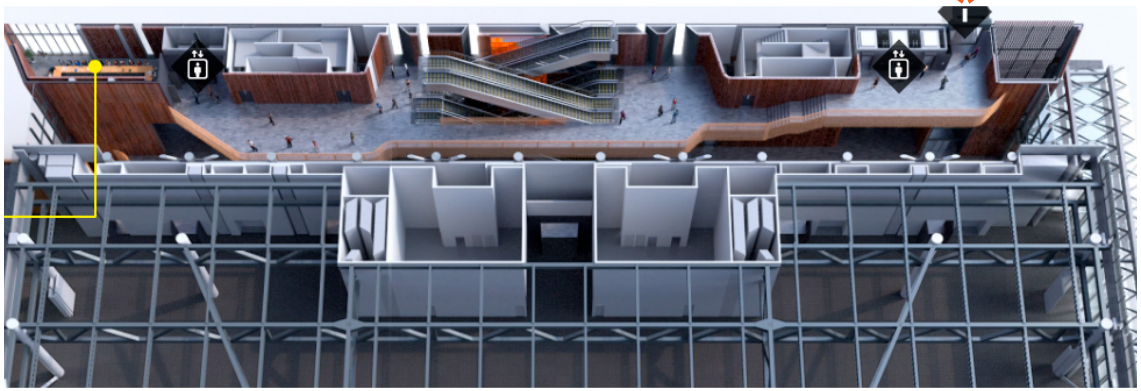
VENUE

NEW ZEALAND INTERNATIONAL CONVENTION CENTRE

LEVEL 4



Access via this air bridge to Hobson Street Hotel Suites and SKYCITY Hotel Suites.



LEVEL 4	AREA m²	THEATRE CAPACITY	BOARDROOM CAPACITY
Meeting Room 01	84	101	44
Hobson Street Hotel Suite			8 x 12
SKYCITY Hotel Suite			12 x 12

* Suites in the new Hobson Street Hotel (still to be named) and SKYCITY Hotel will be converted to small meeting rooms for council meetings. These rooms are accessible from the NZICC via this internal air bridge and are only a few minutes' walk in distance.

Interactive floorplans can be found at **www.nzicc.co.nz/venue**.

BUDGET SUMMARY

The budget is based on a seven day General Assembly and concurrent five day Congress with joint opening and closing ceremonies. A Congress welcome function, Congress gala dinner, Bureau dinner and Council reception will be the major social events. Two budget scenarios are presented, based on 2,500 and 3,000 paying delegates, both with 8 plenaries and 40 complimentary registrants. Early bird registration will close on 1 April 2023. Around 2,500-3,000 abstract submissions are expected.

INCOME	**USD** *Based on NZD1 = USD0.7 (excl GST)*	
	2,500 delegates	**3,000 delegates**
Delegate registration fees	$2,022,125	$2,426,550
Sponsorship	$112,525	$112,525
Social function income	$131,250	$157,500
TOTAL INCOME	**$2,265,900**	**$2,696,575**

EXPENDITURE	**USD** *Based on NZD1 = USD0.7 (excl GST)*	
	2,500 delegates	**3,000 delegates**
Fixed expenses	$955,126	$955,126
Variable expenses	$1,189,990	$1,411,319
TOTAL EXPENDITURE	**$2,145,116**	**$2,366,445**
SURPLUS	**$120,784**	**$330,130**

DESTINATION SUPPORT

Local and central government, and New Zealand's national airline, strongly support conferences in Auckland by providing incentives for organisers and making travel here simple for delegates.

Auckland Convention Bureau

Auckland Convention Bureau (ACB) helps conference planners create unforgettable events from start to finish. ACB offers a wide range of support, including:

- free, impartial advice on venues, accommodation, activities and service providers
- site inspections to familiarise you with Auckland's infrastructure
- marketing materials such as brochures, imagery and DVDs to help drive delegate numbers
- online access to professional photographs for use in conference marketing materials
- linking your conference website to aucklandnz.com to let your delegates explore what Auckland has to offer.

ACB is part of Auckland Tourism, Events and Economic Development (ATEED) – Auckland's economic growth agency and an Auckland Council-controlled organisation. ATEED supports and enhances Auckland's ability to compete internationally, and to fuel the growth of the region's industry sectors of competitive advantage through collaboration.

aucklandnz.com/meet

Tourism New Zealand

Tourism New Zealand, New Zealand's National Tourism Organisation, is committed to making every conference a success.

Tourism New Zealand's Conference Assistance Programme offers practical and financial assistance to organisations that want to host a conference in New Zealand by:

- evaluating the financial feasibility of each conference
- assisting with customised bid documents and strategic marketing support for bid submission
- funding delegate marketing activity to help boost international delegate attendance
- assisting with air travel for bid presentations
- providing access to materials, promotional videos and marketing collateral
- providing local expertise and knowledge on pre and post touring ideas throughout New Zealand.

New Zealand, with its stunning scenery, world-class infrastructure, diverse range of activities, and its safe and welcoming society, has all the components required to ensure every conference is successful as well as memorable.

businessevents.newzealand.com

> **"The services provided by Auckland Convention Bureau made the whole process of delivering an international conference easy, straightforward and workable."**
>
> Phil Stromei, RIAS Conferences, Melbourne, Australia

AIR NEW ZEALAND

A STAR ALLIANCE MEMBER

Conventions Plus*

Conventions Plus is a Star Alliance product that provides a travel solution for major conventions. It ensures delegates can travel to the conference from any airport on the Star Alliance network at a discounted fare. With over 18,500 flights every day serving 1,300 destinations across the world, Conventions Plus confidently meets the needs of delegates from all over the world.

For conference organisers, Conventions Plus reduces planning time by offering a single point of contact for all convention flight arrangements and a platform that allows delegates to go online and book their own flights, freeing the conference organiser of the need to get involved with every individual's travel plans.

How it works

It is as easy as registering through the Star Alliance website **www.staralliance.com/conventionsplus**. After a quick analysis of the conferences requirements, a Lead Airline will be identified from the Star Alliance membership and someone from this airline will be in touch. They will liaise with the rest of the network so that there is a single point of contact throughout the process.

The Organiser Support Programme also provides the opportunity to earn credits which can be used to fund organiser support tickets. This starts at 500EUR for the first 50 bookings, and 150EUR for every subsequent 25. In addition, a marketing support package is available to assist in promoting the service to all the delegates.

How delegates benefit

Conventions Plus gives delegates complete control over their own travel plans through an online booking tool. Discounted fares are available for every delegate and one person travelling with them. This dedicated website allows delegates to benefit from the Conventions Plus discounts and to book any published fares offered by the Star Alliance airlines participating in any specific convention. Fares can be booked across multiple airlines and a combination of booking classes – and there is no booking fee. There is a 24/7 helpdesk to deal with any queries.

While travelling, delegates can enjoy all the benefits of travelling with the Star Alliance network. If they are a member of one of the Star Alliance frequent flyer programmes, they will be able to earn miles or points on all eligible fares. If they hold Star Alliance Gold status, they and one guest are also entitled to access over 1,000 lounges during their travel and will enjoy other Gold customer benefits such as priority luggage tagging and priority airport check-in.

ADRIA
Ethiopian
AEGEAN
EVA AIR
AIR CANADA
LOT POLISH AIRLINES
AIR CHINA
Lufthansa
AIR INDIA
SAS Scandinavian Airlines
AIR NEW ZEALAND
深圳航空 Shenzhen Airlines
ANA
SINGAPORE AIRLINES
ASIANA AIRLINES
SOUTH AFRICAN AIRWAYS
Austrian
SWISS
Avianca
TAP PORTUGAL
brussels airlines
THAI
CopaAirlines
TURKISH AIRLINES
CROATIA AIRLINES
UNITED
EGYPTAIR

* This programme is subject to change.

AUCKLAND AT A GLANCE

TOP 10

Friendliest cities in the world

Condé Nast Traveler Reader Choice Awards 2015

4th

MOST INNOVATIVE CITY IN SOUTH EAST ASIA AND OCEANIA

Global Innovation Index 2015

1.5 million

People live in the greater Auckland region, around one third of New Zealand's population

TĀMAKI MAKAURAU

New Zealand Māori call Auckland Tāmaki Makaurau, a maiden desired by 100 lovers

1.2 million

1.2 million hectares of sea, coast and islands make up Auckland's magnificent Hauraki Gulf Marine Park

21,000

AUCKLAND IS HOME TO 21,000 INNOVATION-BASED COMPANIES - 12% OF THE BUSINESS POPULATION

200+

DIFFERENT ETHNIC COMMUNITIES CALL AUCKLAND HOME

AUCKLAND'S CBD ALONE OFFERS MORE THAN 6500 ROOMS FROM 5 TO 2-STAR

4th

New Zealand 4th safest country in the world

2016 Global Peace Index

01 CONFERENCE INFORMATION AND SUPPORT
02 DESTINATION AUCKLAND
03 LOCATION AND ACCESSIBILITY
04 EXPERIENCE AUCKLAND
05 EXPLORE NEW ZEALAND
06 APPENDICES

AUCKLAND'S TRACK RECORD

Auckland has an impressive track record of hosting successful conferences and business events.

APAC Forum 2015
September 2015 · 1200 delegates

New Zealand Dental Association Conference
August 2015 · 715 delegates

The Goodfellow Symposium 2015
March 2015 · 590 delegates

Better by Design CEO Summit
March 2015 · 450 delegates

Amway Malaysia Gala Dinner
December 2014 · 561 delegates

New Zealand Population Health Congress
October 2014 · 690 delegates

XXXII SCAR Biennial Meetings and 2014 Open Science Conference
August 2014 · 943 delegates

2014 Combined AACA and ASURA
February 2014 · 752 delegates

"As a world congress destination, Auckland delivers on all fronts. From world-class facilities, superb accommodation, delicious dining, and innovation and technology hubs, to a natural playground ripe with adventure – it's all within easy reach of the city centre."

Dr Andrew Holden, Director Interventional Services, Auckland City Hospital; Associate Professor of Radiology, The University of Auckland School of Medicine

A CITY OF INNOVATION

As New Zealand's largest city, Auckland is the nation's commercial centre and innovation hub and is home to more than a third of the national population.

The 2015 Global Innovation Index ranks New Zealand an impressive fourth in South East Asia and Oceania, and 15th in the world. The spirit of innovation Kiwis are renowned for is one of the key drivers of Auckland's economic growth, leading to the introduction of innovation hubs across the region such as GridAKL and The FoodBowl – Te Ipu Kai.

GridAKL focuses on the information and communications technology (ICT) and digital media sectors, bringing innovative thinkers together in one place and connecting them with the wider innovation ecosystem. The FoodBowl is a state-of-the-art facility designed to help food and beverage (F&B) companies test or produce new products for local and export markets and is supported by highly skilled technologists, scientists, business and certification consultants, packaging and equipment suppliers, and funding experts.

Business innovation starts with new ideas, new research and an ever-growing pool of talent. The country's largest university, The University of Auckland, is ranked amongst the world's top 200 universities and is New Zealand's pre-eminent research-led institution.

As the base for many of New Zealand's leading companies and numerous world-leading multinationals, Auckland is a city on the move. It is at the heart of the food and beverage industry in New Zealand in both processing and wholesaling has a worldwide reputation for boat building and precision engineering, and has seen the creation of a number of innovative companies producing leading-edge products ranging from digital media to medical devices.

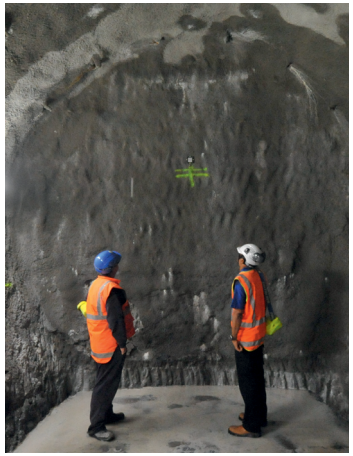
These factors have led to a number of key industry clusters for attracting conventions – including, but not limited to:

- Food and beverage
- ICT
- Screen/film
- Construction and engineering
- Marine
- Niche manufacturing
- Advanced materials
- Creative
- Business services
- Transport and logistics
- Sport and health
- Tourism and hospitality
- International education

The 2015 Global Innovation Index ranks New Zealand an impressive

4th

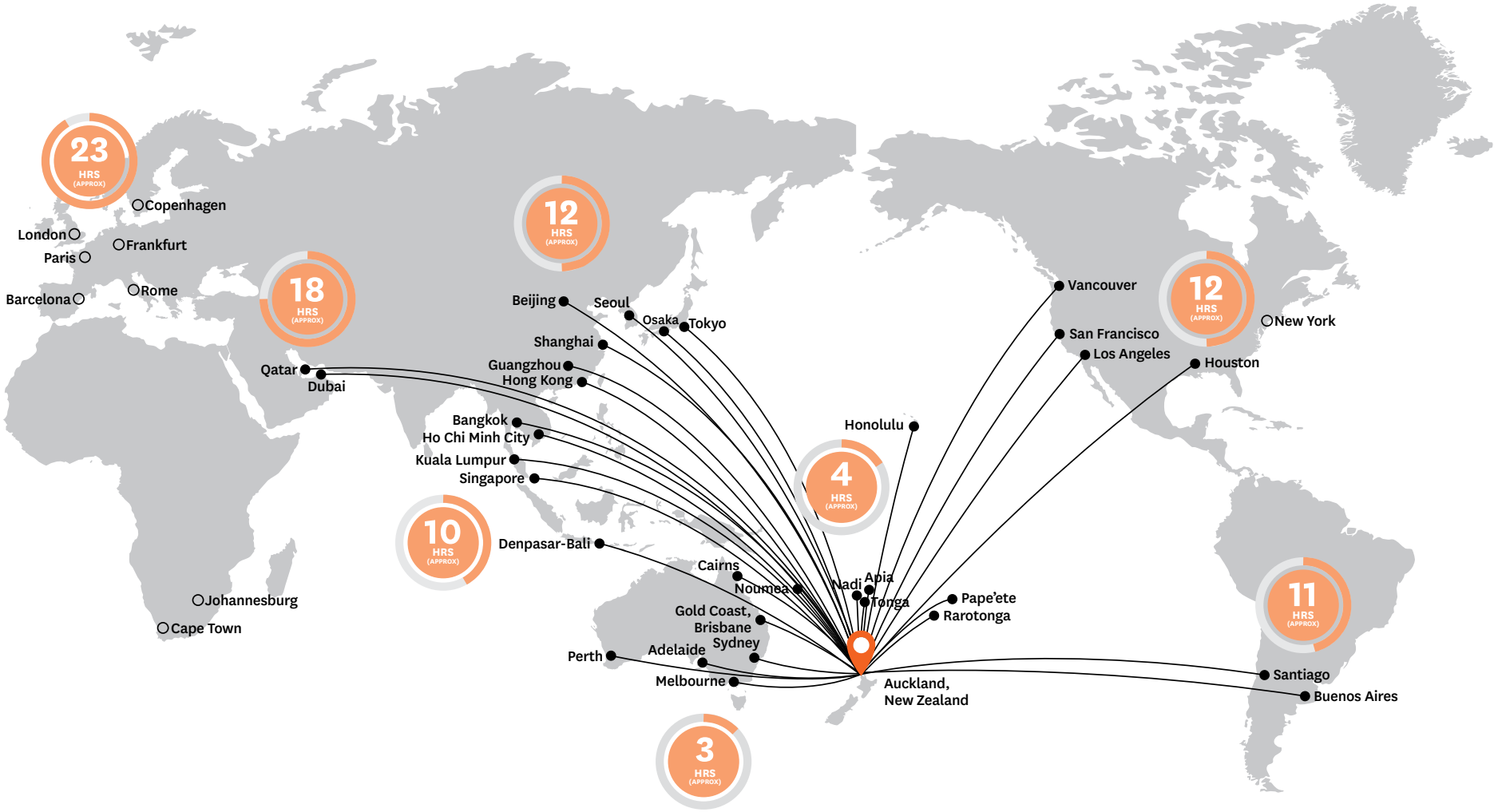
in South East Asia and Oceania, and 15th in the world.



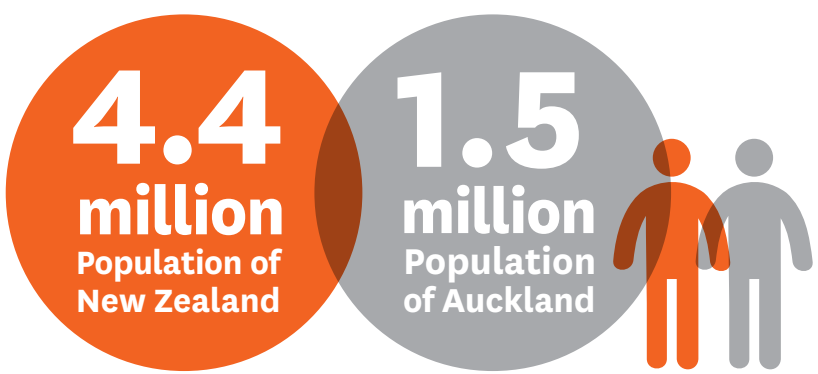
03 LOCATION AND ACCESSIBILITY

AUCKLAND IS THE MOST CONNECTED CITY IN NEW ZEALAND, WITH REGULAR FLIGHTS TO AND FROM CITIES ACROSS THE GLOBE, AND DAILY FLIGHTS TO ALL OF THE COUNTRY'S MAIN CENTRES AND POPULAR TOURIST DESTINATIONS.

DIRECT INTERNATIONAL ACCESS



TRAVEL INFORMATION



75%
Auckland Airport handles more than 75 per cent of all international arrivals into New Zealand

35 MINS
The central city is just 25km (35 minutes' drive) from Auckland Airport

120+
INTERNATIONAL FLIGHT ARRIVALS EVERY DAY

336+
WEEKLY FLIGHTS CONNECTING AUCKLAND TO THE WORLD

24
international airlines fly direct to Auckland from 33 destinations around the world

All figures are accurate as at July 2016.

Auckland Airport
The largest and busiest airport in New Zealand, modern Auckland Airport services more than 15 million passengers a year.

For seven years running, Auckland Airport has been voted 'Best Airport in Australia Pacific' in the SKYTRAX Airport Awards. The ongoing expansion and revitalisation to provide world-class facilities makes it a relaxing and efficient way for delegates to arrive at your Auckland event.

Concierge service
Auckland Airport offers a professional concierge service to ensure your keynote speakers or delegates enjoy a smooth arrival into the region. Services can include collection from the gate, assistance with duty free shopping and baggage collection, guidance through border control, priority service at passport control, and the arrangement of onward transport. For an unforgettable welcome, a traditional Māori welcome for your group can also be arranged.

Visas
New Zealand has a visa waiver agreement with many countries. Delegates from those countries, and Australian permanent residents or citizens, can travel to New Zealand without obtaining a visa. For those nationalities that sit outside of these waiver countries, visa applications can be made online at immigration.govt.nz. Auckland Convention Bureau can supply you with details of a Relationship Manager at immigration who will guide you through the process of applying for visas for your conference delegates.

For immigration contact details and the full list of visa waiver countries, see appendix page 53.

ACCOMMODATION OPTIONS

With over 6,500 rooms in the city centre ranging from five-star international hotels to budget-friendly lodges, Auckland has a full range of accommodation choices.

	HOTELS	QUALMARK STAR RATING*	INDICATIVE RATE (USD)**
1	Hilton Auckland	5	$383
2	The Langham, Auckland	5	$315
3	Pullman Auckland	5	$216
4	SKYCITY Grand Hotel	5	$209
5	Stamford Plaza Auckland	5	$349
6	Crowne Plaza Auckland	4+	$238
7	Grand Millennium Auckland	4+	$277
8	Rydges Auckland	4+	$178
9	The Sebel Auckland Viaduct Harbour	4+	$195
10	SKYCITY Hotel	4+	$174
11	Scenic Hotel Auckland	4	$245
12	Grand Mercure Auckland	4	$195
13	Ibis Budget Auckland Central	3	$104

Conference Venue - New Zealand International Convention Centre

All accommodation rates are indicative and subject to availability.
Indicative accommodation rates are inclusive of GST.
*Qualmark is New Zealand's star grading system for ranking accommodation providers and venues.
**Based on NZD1 = USD0.7.

GETTING AROUND AUCKLAND

Getting to and from Auckland Airport is easy, with shuttle and bus services departing regularly, and safe, efficient taxis. Once delegates have transferred to their accommodation, Auckland's compact central business district means that it's easy for them to get around on foot, or by public transport.

Airport bus
Airbus Express is Auckland's best value airport-to-city transfer. It's cheap, direct and reliable, operating 24 hours a day, seven days a week, and stops near most major city hotels and backpackers.

Taxi and shuttle buses
Taxis are located in front of the international and domestic airport terminals. The approximate cost for a taxi from the airport to the city centre is US$40-60. A shuttle is approximately US$20 per person.

Private chauffeur
Several businesses offer private chauffeur services and bespoke transport options when security and privacy are a key requirement. NZ Limousines and Regal Limousines are two options. Contact them directly for a quote.

Coaches
Auckland's reliable and professional bus and limousine companies will help plan your logistics, and then deliver a stylish service no matter your group's size. From large luxury coaches to limousines, Auckland has an option to suit.

Walk
Auckland is perfect for those who prefer to explore on foot, from vibrant waterfront precincts to beautiful city parks and gardens.

Cycle
Keen cyclists can start their morning with a flat ride along Auckland's beautiful waterfront and be back in plenty of time for breakfast.

Public transport
Auckland's public transport network is a great way to get around the city. From Britomart, the central transport centre, delegates can travel by train or bus to most major attractions in Auckland.

Ferries
Auckland's Waitemata Harbour and Hauraki Gulf are full of breathtaking sights and natural wonders. From short sightseeing trips to full-day island tours, ferries are a great way to explore harbourside suburbs, and Auckland's nautical playground.

04 EXPERIENCE AUCKLAND

WITH AN IRRESISTIBLE COMBINATION OF MAGNIFICENT NATURAL LANDSCAPES AND A VIBRANT CITY LIFESTYLE, AUCKLAND IS A PLACE OF EXCITING CONTRASTS AND ENDLESS ADVENTURES.

AROUND THE REGION

Auckland is more than a city, it's a region of contrasts waiting to be explored.

GREATER AUCKLAND

HAURAKI GULF AND ISLANDS

Discover tranquil islands lined with golden-sand beaches, walk up Auckland's youngest volcano, or go kayaking, sailing or dolphin spotting in the harbour.

NORTH SHORE AND HIBISCUS COAST

Head north and discover the ultimate laid-back lifestyle, where great food is always close at hand and the sea is your constant companion.

EAST AND SOUTH-EAST AUCKLAND

Sparkling blue waters, white-sand beaches, rolling countryside, boutique vineyards and the largest native forest in the Auckland region.

SOUTH AUCKLAND

Auckland's south is a melting pot of cultures from around the world, a place where history, adventure and beautiful landscapes combine.

CENTRAL CITY AND SURROUNDS

World-class shopping, buzzing waterfront precincts lined with restaurants, a vibrant arts and culture scene and harbour adventures right on your doorstep.

WEST AUCKLAND

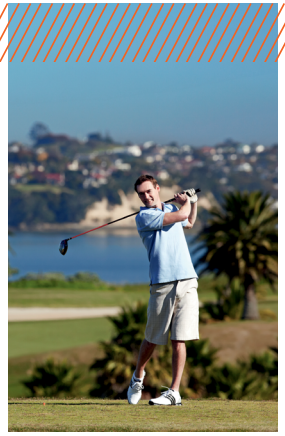
Journey into a region of natural wonders. Walk through untouched native rainforest, experience the rugged beauty of the wild west coast beaches and visit Auckland's oldest wine region.

THE ADVENTUROUS CHOICE

With an abundance of diverse activities and adventures on Auckland's doorstep, there are experiences to excite every visitor.

ARTS AND CULTURE

Immerse yourself in Māori and Pacific culture. See the collection of Māori taonga (treasures) or catch a traditional Māori cultural performance at Auckland War Memorial Museum. Visit Auckland Art Gallery Toi o Tāmaki, which houses more than 15,000 artworks, from the old masters to contemporary New Zealand artists. Take a walk through Voyager New Zealand Maritime Museum to learn about the Polynesian people's epic migration to New Zealand on traditional sailing waka (canoes) or go sailing in a waka yourself.



GOLF

With more than 40 coastal and inland courses throughout the region, Auckland is an ideal spot for a round of golf. Whether you're after international quality resort courses or picturesque local gems, there's a perfect round for players of all abilities.

SHOPPING

Indulge in some top-notch retail therapy while you're in Auckland – from luxury international labels, cutting-edge New Zealand design and modern interiors, to vintage finds, high street fashion and quirky Kiwi art. Head to Britomart or High Street/ Vulcan Lane for the flagship stores of New Zealand's most internationally successful designers, including Karen Walker, Zambesi, WORLD and Kate Sylvester, or hop on a CityLink bus from the city centre to explore one of Auckland's other top fashion precincts – Ponsonby Road, Parnell and Newmarket.

ISLAND ADVENTURES

Auckland's Hauraki Gulf Marine Park encompasses 1.2 million hectares of coast, sea and islands. Just 35 minutes on the ferry from downtown Auckland is Waiheke Island – a haven of beautiful vineyards, olive groves and beaches and a range of adrenaline pumping activities as well. Or head to the volcanic island of Rangitoto where you can walk to the top or join a guided 4WD tour to the base of the summit and follow the boardwalk the last 900m. You'll be rewarded with breathtaking 360-degree views back to the city, harbour and islands of the Hauraki Gulf.

FROM MILD TO WILD

Auckland's extraordinary variety means there's an adventure to suit everyone. Bungy jump off Auckland Harbour Bridge, go canyoning down waterfalls or heli-fish from the remote shore of a Hauraki Gulf island. For something more mellow, hike through native rainforest or along spectacular coastal paths, horse ride along white-sand beaches, or indulge in personalised shopping tours.

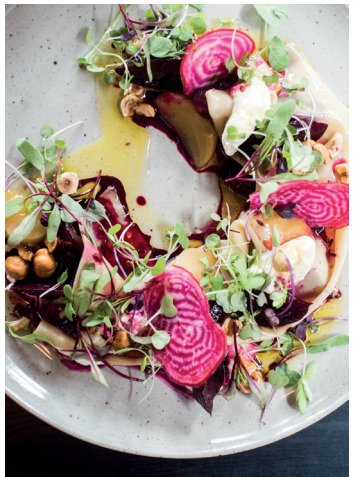
1.2 MILLION
Hectares of sea, coast and islands make up Auckland's magnificent Hauraki Gulf Marine Park

40
Coastal and inland golf courses throughout the Auckland region

35 MINUTES
Waiheke Island is only 35 minutes on the ferry from downtown Auckland

DINING PRECINCTS

Auckland's lively dining precincts serve up an impressive variety of cuisine, from five-star fare created by internationally renowned chefs to casual café dishes.



BRITOMART

Revamped heritage buildings and cobbled lanes are home to an eclectic collection of eateries – from modern Mexican to a dedicated dessert restaurant.

FEDERAL STREET

From luxurious fine dining, to New York deli dishes, Auckland's newest foodie precinct is home to a number of internationally renowned chefs including Peter Gordon and Nic Watt.

CITY WORKS DEPOT

This collection of quirky casual eateries in a revamped industrial area offers everything from wood fired bagels to crayfish dumplings – or pamper yourself at a hair salon that's also a tea house.

VIADUCT HARBOUR

The perfect spot for a laidback lunch and glass of wine in the sun, or an elegant evening dining experience of succulent seafood from the nearby fishing fleet.

WYNYARD QUARTER

This revitalised waterfront precinct is abuzz with eateries offering tapas, Italian, Indian, Thai and American soul food. In summer it's even livelier with a Friday night market and outdoor cinema.

PONSONBY

Urban style – award-winning cafés, uber-cool bars and sophisticated bistros.

NEWMARKET

Café culture and retail therapy in perfect harmony.

PARNELL

City fringe sophistication – elegant cafés, wine bars and restaurants.

WAIHEKE

The jewel of the Hauraki Gulf – award-winning wines, fine dining and island life.

TAKAPUNA

Chilled-out, contemporary dining beside beautiful Takapuna beach.

MATAKANA

Live music, organic chocolate and artisan cheeses at the Saturday morning Matakana Farmers' Markets.

05 EXPLORE NEW ZEALAND

NEW ZEALAND IS A DESTINATION WHERE EVERYTHING'S CLOSE – STUNNING NATURAL BACKDROPS, DIVERSE EXPERIENCES AND ACTIVITIES AND A WARM, GENUINE HOSPITALITY THAT STAYS WITH YOU LONG AFTER YOUR FLIGHT HOME.

AROUND THE COUNTRY

1. NORTHLAND

Considered the birthplace of New Zealand as a bicultural nation, a visit to the Waitangi Treaty Grounds – set in an extensive park-like reserve with stunning sea views – is a must. Stroll along golden sandy beaches, explore some of the 144 islands in the Bay of Islands by boat, drive along Ninety Mile Beach or visit Cape Reinga, where the Tasman Sea and mighty Pacific Ocean crash together beneath an iconic lighthouse.

2. WAIKATO

Meander through themed public gardens and along riverside trails in Hamilton. This heartland city offers an eclectic mix of metropolitan culture and rural charm and is famed for its proximity to must-do attractions like the Hobbiton Movie Set and Waitomo Caves.

3. ROTORUA

Immerse yourself in Māori culture and exhilarating outdoor adventure in Rotorua. Built amidst a geothermal landscape of steaming geysers and bubbling mud pools, this tourist hotspot is home to many quintessential Kiwi experiences - from white water rafting and off road 4WD, to spine-tingling Māori cultural performances.

4. TAUPO

Delve into a lake so big that it's really more like an inland sea. Lake Taupo is surrounded by natural wonders like the stunning Huka Falls and the bubbling mud pools and geysers at the Orakei Korako thermal wonderland.

5. NAPIER

Enjoy a guided wine tour through the celebrated vineyards of Hawke's Bay. The city of Napier is New Zealand's Art Deco capital and has fantastic heritage, a picturesque shoreline and just the right climate for delicious orchard fruits.

6. WELLINGTON

Dine on fine food, craft beers and world-class coffee in the harbour-side city of Wellington. Dubbed the "coolest little capital in the world" by Lonely Planet, Wellington also offers top opportunities for wildlife spotting and cultural discovery at the renowned national museum, Te Papa Tongarewa. From Wellington you can take a day trip to the Wairarapa, a popular rural area and wine region where great food, wine and character accommodation can be enjoyed amid a stunning natural environment.

7. NELSON

Explore the long golden beaches, alpine lakes and enchanting forests of the Nelson region by kayak, car or bicycle. Home to three national parks, this region is a favourite holiday spot for New Zealanders and so beautiful you'll never want to leave.

8. MARLBOROUGH

Discover the many coves of the magnificent Marlborough Sounds on a cruise, or cycle through vineyards on a wine-tasting tour. With its glorious sunshine, delicious food and luxurious resorts, any visit to Marlborough is a pure joy.

9. CHRISTCHURCH

Relax in our picturesque 'Garden City'. Christchurch offers something for everyone - from golf and hot air ballooning, to punting on the Avon River, to relaxing in its stunning Botanic Gardens.

10. QUEENSTOWN

Find inspiration amongst the unforgettable landscape of Queenstown. This four-season resort is known as the adventure capital of the world. It also offers plenty of opportunity for lakeside dining, boutique shopping and tours of the region's rich gold mining history.

11. DUNEDIN

Broaden your mind in Dunedin, home to grand old buildings and New Zealand's oldest university. See penguins, sea lions and albatross on the nearby Otago Peninsula and experience one of the great scenic train journeys on the Taieri Gorge Railway.

USEFUL INFORMATION

Banks
Monday to Friday, 9am to 4.30pm. Some banks in shopping centres are also open during the weekend. New Zealand's main banks are ANZ, ASB, BNZ, Kiwibank, TSB, and Westpac.

Climate and seasonality
Auckland enjoys a temperate climate. Daytime temperatures range from 20° to 30° Celsius (60 to 86 degrees Fahrenheit) during the warmer seasons (November to March), and from 10° to 17° Celsius (50 to 63 degrees Fahrenheit) in the cooler seasons (April to October).

Currency
New Zealand dollars ($) and cents (c). There are five notes ($5, $10, $20, $50, $100) and five coins (10c, 20c, 50c, $1, $2).

Customs allowances
Visitors aged over 17 years may bring in 50 cigarettes, 4.5l of wine or beer, and three 1.125l bottles of spirits. Goods worth over NZ$700 may attract duty and tax.

Driving
Drive on the left side of the road in New Zealand. All drivers, including visitors from other countries, must carry their licence or permit at all times when driving. Delegates will only be able to drive the same type of vehicles they are licensed to drive in their home country.

Electricity
240V, 50Hz, with Australian/ New Zealand pattern three-pin sockets.

Emergency services
111 is the emergency phone number for police, fire and ambulance services.

Goods and Services Tax (GST)
New Zealand has a 15 per cent GST. Overseas visitors cannot claim this back. Some stores may waive GST if delegates show onward or return air tickets, or when international shipment of goods is arranged.

Health and vaccinations
No vaccination certificates are required. Public and private hospitals provide a high standard of treatment and care. Medical services are not free to visitors, so travel insurance that covers medical and health is recommended.

Languages
English is the everyday language in New Zealand, with Māori and New Zealand Sign Language also official languages.

Mobile telephones
Like most countries, New Zealand operates on a 900 or 1800 MHz network. However, some mobiles cannot use international roaming on this frequency. Delegates may buy or rent a New Zealand-compatible phone or sim card upon arrival.

Postal services
Delegates can buy stamps and post items at Post Shops. Stamps can also be purchased from stationers and many convenience stores. Look for red, black and white post boxes to post letters.

Safety and security
New Zealand is generally a very safe place to travel, with a relatively low crime rate. However, it is advisable to observe the same precautions with your personal safety and your possessions as you would in any other country or at home. New Zealand is a democratic and politically stable country.

Setting the standard
Qualmark is Tourism New Zealand's official quality assurance organisation. Businesses displaying a Qualmark rating have met strict quality and environmental criteria.

Shopping
Standard shopping hours from Monday to Friday are 9am-5pm, with most shopping centres open until 6pm. Some shops and malls are open late on Thursday and Friday to 9pm. On Saturday and Sunday most malls are open normal shopping hours.

Smoke-free policies
In New Zealand it is illegal to smoke in most indoor spaces, including workplaces, function venues, cinemas, pubs, restaurants and hospitality venues, as well as all public transport. Cigarettes cannot be sold to anyone under 18.

Time zone
New Zealand Standard Time is 12 hours ahead of Greenwich Mean Time (GMT). Daylight saving runs from the end of September until early April, when the clocks advance by one hour – it then becomes GMT +13 hours.

Tipping and service charges
Tipping is not expected in New Zealand but delegates may wish to tip for special service or kindness.

Visitor information centres
i-SITE is New Zealand's official visitor information centre network with more than 80 i-SITEs nationwide, including locations in Auckland. i-SITEs provide free expert local knowledge and services including itinerary planning and nationwide accommodation and activity bookings.

06

APPENDICES

CONFERENCE BUDGET

Based on a six day General Assembly and concurrent five day Congress preceded by an opening ceremony; 40 complimentary registrants; a Welcome Function and Congress Dinner. 2,500 abstract submissions are expected.

INCOME							
Registration income			**Early Bird (USD)**	**Estimated %**	**2,500 delegates**	**3,000 delegates**	**Complimentary**	**Late Reg (USD)**
	IUPAC Affiliates* - Regular		$980.00	65%	$1,592,500.00	$1,911,000.00		$1,260.00
	IUPAC Members** & Delegates***		$490.00	10%	$122,500.00	$147,000.00		$700.00
	IUPAC Affiliates* - Guests / accompanying persons		$245.00	5%	$30,625.00	$36,750.00		$350.00
Full	Standard (general) registrations		$1,120.00	2%	$56,000.00	$67,200.00		$1,260.00
	Plenary speakers						20	
	Committee						10	
	Sponsors						10	
Student	IUPAC Affiliates* - Students		$490.00	18%	$220,500.00	$264,600.00		$1,000.00
Total registration income					**$2,022,125.00**	**$2,426,550.00**		
Social function income	Congress Gala Dinner - ticket sales @ $105 USD (estimated 50% attendance)				**$131,250.00**	**$157,500.00**		
Sponsorship income	**Exhibition tiers**			**Number**				
	Tier 1	sponsored talk		1	$7,000.00	$7,000.00		
	Tier 2	full booth		15	$52,500.00	$52,500.00		
	Tier 3	table top display		5	$7,000.00	$7,000.00		
					$4,025.00	$4,025.00		
Tourism NZ Business Events marketing support					$42,000.00	$42,000.00		
Total sponsorship income					**$112,525.00**	**$112,525.00**		
TOTAL INCOME					**$2,265,900.00**	**$2,696,575.00**		

* Affiliates include Participants from countries of IUPAC, who choose to join the Congress but are not necessarily currently involved in IUPAC committees or projects. Also include participants of IUPAC affiliate membership programme (to join this programme click here (https://iupac.org/home/individual-members). **Members - Individuals who are titular members (TMs), associate members (AMs), national representatives (NRs) or task group members. Anyone who is listed as a member on the divisions, committees, task groups and governance bodies of IUPAC.***Delegates - Official delegates attending the General Assembly, registration fees include (only for participants, IUPAC affiliates, members and delegates): Access to all scientific activities, Symposium bag and materials, Welcome Reception, Coffee Breaks, Lunch at Closing Ceremony.

EXPENSES				
Fixed expenses		**Item cost**	**Number**	**Total NZD** *(excl GST)*
AV Costs in additional to venue provided assistance (including labour)				$100,000.00
Communication costs				$5,000.00
Speakers Plenary Speakers (8 speakers, 5 nights)	- Accommodation, incl breakfast	$400.00	40	$16,000.00
	- Travel	$4,000.00	8	$32,000.00
	- Transfers			
	- Conference dinner	$200.00	8	$1,600.00
	- Honorarium / presents	$200.00	8	$1,600.00
	Keynote Speakers (40 speakers)			
	- Free registration and gala ticket	$1,600.00	40	$64,000.00
	Invited Speakers (100 speakers)			
	- Presents	$200.00	100	$20,000.00
Promotion	Website			$30,000.00
	Advertising			$50,000.00
	Logo design / branding			$30,000.00
Decoration	Large banner	$2,000.00	2	$4,000.00
	Pull up conference banners	$500.00	10	$5,000.00
	Lectern Signs x 3	$25.00	20	$500.00
Sponsorship obligations	Exhibition booth costs	$600.00	50	$30,000.00
	Student poster/talk prizes	$500.00	20	$10,000.00
	Complimentary Dinner tickets	$200.00	30	$6,000.00
	Table hire	$10.00	20	$200.00
Committee/chair/volunteer/ crew expenses	Accommodation for committee	$250.00	50	$12,500.00
	Dinner for committee	$200.00	10	$2,000.00
Administration	PCO fee			$50,000.00
	PCO disbursements			$2,600.00
	PCO accommodation	$250.00	5	$1,250.00
	Bank fees			$10,000.00
	Audit			$5,000.00

Equipment/misc	Poster boards (one poster per side, 3 sessions of 250 posters each)	$40.00	750	$30,000.00
	Velcro dots for poster boards			$5,000.00
	Wireless internet for conference site	$200/day		$1,000.00
	Volunteer/committee T-shirts	$50.00	100	$5,000.00
	Car rental for committee	$1,000.00	3	$3,000.00
	Conference app			$5,000.00
Congress Gala Dinner	Lighting			$40,000.00
	Entertainment			$10,000.00
Opening Ceremony	(for both Council and Congress)			$50,000.00
Insurance				$10,000.00
Venue hire	General Assembly (Council and Bureau)	$75,000.00	2	$150,000.00
	Congress	$113,243.00	5	$566,215.00
Total Fixed Expenses (NZD)				**$1,364,465.00**
Total Fixed Expenses (USD)	US conversion at 0.7		**In USD =**	**$955,125.50**

Variable expenses		**Item cost**	**Number**	**Total NZD** *(excl GST)*	**2,500 delegates**	**3,000 delegates**
Catering	Lunch, teas (separately)	$66.00	5	$330.00	$850,740.00	$1,015,740.00
	Teas for council	$22.00	2	$44.00	$13,200.00	$13,200.00
	Welcome reception for Congress (Sunday)	$55.00			$141,790.00	$169,290.00
	Council Reception (Wed evening)	$55.00			$16,500.00	$16,500.00
	Poster sessions catering	$30.00	3	$90.00	$232,020.00	$277,020.00
	Congress Gala Event (Thurs evening) Food and Beverage - ticket sales assume 50% of paying delegates plus complimentaries.	$200.00		$200.00	$265,800.00	$315,800.00
	Bureau dinner (Tuesday evening)	$200.00	50 members		$10,000.00	$10,000.00
	Exhibitors catering (lunch, teas)	$66.00	63	315	$20,790.00	$20,790.00

Delegate Packs	Name tag	$2.00	$5,856.00	$6,856.00
	Lanyard & name badge inserts	$4.00	$11,712.00	$13,712.00
	Pocket programme	$4.00	$10,312.00	$12,312.00
	Notepads	$1.00	$2,928.00	$3,428.00
	Dinner tickets printing	$1.00	$2,578.00	$3,078.00
	Credit card commissions @2% (expect 95% uptake from delegates)		$38,420.38	$46,104.45
Reg/abstract handling	Abstract handling service (lil regie or similar)	$10.00	$25,780.00	$30,780.00
	Registration management	$20.00	$51,560.00	$61,560.00
Total Variable Expenses (NZD)			**$1,699,986.38**	**$2,016,170.45**
Total Variable Expenses (USD)			**$1,189,990.46**	**$1,411,319.32**
TOTAL EXPENSES (USD)			**$2,145,115.96**	**$2,366,444.82**
TOTAL INCOME (USD)			**$2,265,900.00**	**$2,696,575.00**
SURPLUS (USD)			**$120,784.04**	**$330,130.19**

VISA INFORMATION

Entry to New Zealand is easy with a little preparation.

New Zealand has excellent accessibility for international visitors, making the "Chemistry without Borders" a fitting theme for the 49th World Chemistry Congress and IUPAC 52nd General Assembly in 2023.

New Zealand welcomes and admits visitors irrespective of their country of origin.*

Visa waiver countries
Delegates who are citizens or permanent residents from a visa waiver country (which includes over 60 countries), do not have to apply for a visa. However, they'll need to show that they're a genuine visitor, have enough money for their stay and have a travel ticket out of New Zealand.

List of visa waiver countries

Andorra	Estonia	Liechtenstein	San Marino
Argentina	Finland	Lithuania	Saudi Arabia
Australia	France	Luxembourg	Singapore
Austria	Germany	Macau	Slovak Republic
Bahrain	Greece	Malaysia	Slovenia
Belgium	Hong Kong	Malta	South Africa
Brazil	Hungary	Mexico	Spain
Brunei	Iceland	Monaco	Sweden
Bulgaria	Ireland	Netherlands	Switzerland
Canada	Israel	Norway	Taiwan
Chile	Italy	Oman	United Arab Emirates
Croatia	Japan	Poland	United Kingdom
Cyprus	Korea (South)	Portugal	United States of America
Czech Republic	Kuwait	Romania	Uruguay
Denmark	Latvia	Qatar	Vatican City

*New Zealand follows the United Nations Security Council restrictions on the grant of a visa entry permission to certain individuals and groups identified as a potential risk.

Non-visa waiver countries
Delegates from non-visa waiver countries will need to apply for a visa at least 30 days before travelling to New Zealand.

Visa applications can be made online at http://www.immigration.govt.nz/documents/forms-and-guides/inz1018.pdf. Delegates will be required to supply a letter of invitation from the conference organisers, together with confirmation from their employer that they have been released to attend the conference. At the time of registration, delegates will be able to request the required visa letter from the conference organisers.

Usually there are no health restrictions in place for delegates who are visiting New Zealand for less than six months nor are police certificates evidencing good character required.

As with delegates from visa waiver countries, delegates who apply for a visa must also show they are a genuine visitor, have enough money for their stay and have a travel ticket out of New Zealand.

Most visas are processed within a 20-23 working day time frame, but some applications may take longer to process if more information is required.

Conference organisers can contact a Relationship Manager at Immigration New Zealand at the email address below to discuss the appropriate visa options and seek advice regarding the process for your delegates.

Contact
Carl Andrews
Relationship Manager, Immigration New Zealand
E carl.andrews@mbie.govt.nz
W www.immigration.govt.nz

TRM0043

For more information

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