



MINUTES OF COCI MEETING GLASGOW 3 and 4 AUGUST 2009

Present:

Mark Cesa	Chair	United States
Mike Booth	Secretary/Treasurer	South Africa
Jung-II Jin	IUPAC President	South Korea
Nicole Moreau	IUPAC Vice President	France
Aldo Bologna Alles	Titular Member	Uruguay
David Evans	Titular Member	United Kingdom
Colin Humphris	Titular Member	United Kingdom
Akira Ishitani	Titular Member	Japan
Khalida Al.Dalama	Titular Member	Kuwait
Alan Smith	National Representative	United Kingdom
Michael Droescher	National Representative	Germany
Bernard West	National Representative	Canada
Paul Baekelmans	National Representative	Belgium
Daniel Bernard	National Representative	France
Gurshan Singh Grover	Safety Training Fellow	India
Isiaka Bakare	Safety Training Fellow	Nigeria
Tersoo Gwaza	Safety Training Fellow	Nigeria
Godfred Nyarko	Safety Training Fellow	Ghana
John Dymond	Division I Representative	United Kingdom
Markku Leskela	Division II Representative	Finland
Christopher Ober	Chair, Division IV	United States
Keiji Tanaka	Division VI Representative	Japan
Gerry Moss	Division VIII President	United Kingdom
Kazuyuki Tatsumi	Division II, Project Committee	Japan
Michelle Rogers	Young Observer	United States
Patchanita Thamyongkit	Young Observer	Thailand
Jody Kocsis	Observer	United States
Zuriati Zakaria	Observer	Malaysia
Supawan Tantayanon	Observer	Thailand
Judith Behnam	Observer	United States
Tom Lane	Observer	United States
Christoph Buxtorf	Chair, Finance Committee	Switzerland
James Bull	PAC Scientific Editor	South Africa
Bryan Pearson	IUPAC Secretariat	United States

Introductions

Mark Cesa welcomed everyone to the meeting and asked each person to introduce themselves. He mentioned that Bernard West would be giving a paper on Responsible Care at the Congress on Monday afternoon in the session Science and Ethics. He

reminded everyone of the Safety Workshop on Tuesday afternoon and the Industry Connect meeting on Monday evening.

Minutes of the Marl and Kawaski Meetings

These were approved at the meeting.

The Structure and Functions of COCI

Mark Cesa went through the responsibilities of the committee its terms of reference, role and strategic priorities, organization, program roles and accomplishments, challenges and goals for 2008/9, COCI participation in 2011, status and plans and the International Year of Chemistry. Prior to the meeting the opportunity was taken to arrange a slot to talk to each of the divisions at their annual meeting. The purpose being to stimulate cooperation on projects of mutual interest and promote more collaboration from both sides.

Budget and Finance

Booth tabled the expenditure against budget for operations and projects. Cesa said that for the next biennium the operations budget would increase by 10% and the projects budget would stay the same. It was decided that the cost of the workshops in Marl and Kawasaki to the respective organizations providing funding should be reflected on the expenses sheet.

Action: Ishitani and Droescher to provide costs to their respective organizations to Booth

Reports from 2009 Bureau and Executive Committee Meetings

Cesa provided feedback from the meetings. He particularly made note of the following items:

The International Year of Chemistry.

- United Nations Sustainable Development Journal- Call for papers on chemical management
- GDCh- German Chemical Society involvement
- Pacificchem 2010- December
- Brussels- Paul Baekelmans-closing ceremony
- Moreau said that for the Paris inaugural event a tentative programme was in place. The event would be in the UNESCO building. 1000 people expected to be accommodated. 250000 € allocated.
- Cesa said that funding from industry would be required throughout the year and that companies may wish to concentrate on individual activities. Industry will want publicity through logo. Cornerstone events will be required as opening and closing events in Europe.
- Al Dalama said that there would be an event in Kuwait with extensive public participation.

Statutes and Bylaws revisions

Vice President's critical assessment
InChI-Management and funding issues
Applications for NAO status
Discovery and naming of new elements. 112 named Copernicium. Symbol is a problem
Cp?
SAICM-Related activities
IUPAC Web-site. We understand that there is now a Wiki website on IUPAC. Old IUPAC web-site needs to be removed.

NAO/CA Program

Ishitani provided a resume of the workshop in Kawasaki. Cesa said that it was an eye opening experience on what each of the countries involved in the workshop are doing in chemistry and the chemical industry. Many topics came out of the discussion which would be useful to focus on during 2011.

Company Associates

Droescher provided a summary on the current situation.

68 Company Associates, 32 from Japan. France now has 3.
We are now acquiring new CAs from acknowledgement of sponsorship of conferences. On a question from Ribes this now stood at 14. Those sponsoring the IYC will have complimentary CA status. West suggested the letter offering CA membership needs to be done through the person(s) who are the original contact. Baekelmans said this was not only a person issue but an added problem is that pharmaceutical and chemical industry may not be in the same company. West suggested we go after the generic producers to encourage more pharmaceutical companies. Enter companies through intellectual property. Members were asked to actively seek CAs in their own countries. Droescher to help. Bologna Alles raised the matter of those companies that sponsor our Safety Training Fellows.

NGO/IGO/Trade Associations Program

Humphris reviewed what was happening in the trade association project condensed into two areas- Global and focus on IYC with the emphasis on developing relationships.

The following came out of the SAICM 2 Meeting attended by Cesa and Humphris.

IUPAC's involvement with SAICM is more than a one person job. We need to focus on specific support activities. How do we engage. Proposal on science conference in 2011 to fit in with IYC. What went well/What went less well at SAICM 2. International Panel on Chemical pollution (IPCP) aims to represent science in the SAICM process. Driefuss commented that an educational effort was needed to promote IUPAC as an independent organization and not part of the SAICM structure eg lead in paint is a particular issue..Cesa said that sound verifiable data is essential. IUPAC is not visible enough particularly in SAICM. Communicating the creative nature of chemistry is important. IUPAC must see to the importance of engagement! Tap into EU African funds. Possible SAICM related IYC event. Topics-nanotechnology and capacity building, particularly Africa. UNEP in Nairobi or Ethiopia. We have to get the message across on the understanding of chemistry. Canada, Australia and Norway were supportive. We have to

decide what we want to succeed and move forward. We need to get countries on our side to lobby others. Application around early 2010. Training modules could form part of a Quick Start programme. At the end of the discussion Humphris summarized saying we would need to continue to engage through IYC, maximize the "Quick Start" programme and provide possible side events at the next SAICM.

Responsible Handling of Chemicals

West provided a project update. Case study in 1990s arose again in Panama and killed many adults. So still relevant. Submitted for publication in Journal of Cleaner Technology. McMaster to help with teaching plan.

Bull who had joined the meeting suggested as an option the technical report route in Pure and Applied Chemistry. He publishes papers through conventions. Bull also suggested free standing publication/monograph on Responsible Care with Haiti case study. Chinese company supplied chemical with ethylene glycol contamination and killed 50 children.

International Year of Chemistry

Humphris opened the discussion with the question: How can COCI contribute to the success of IYC?

Bologna Alles suggested something around the Safety Training Programme involving a network of universities to enhance safety. Fabian Benzo training course at training centre plus web course, with a proposed Centre in Montevideo. Need financing for two years. Facilities available and funding for delegates. Latin America and Spanish speaking people. Start in 2010 and carry over for two years. If running well in 2011 could be extended globally. Expand into other languages. \$50000 budget. Currently three day course. Anticipated over two weeks including industrial sites. Could involve follow up visits to delegates premises to see how they have applied their knowledge gained in their workplace. Driescher suggested we approach IUPAC for initial seed money. A workshop would be well received in Puerto Rico.

The Industrial Chemical Award should be targeted at small companies and how they have improved the quality of life of communities, particularly emerging economies.

Evans mentioned that he had attended a talk on the three most important chemicals; chlorine, polyethylene and drugs and emphasized the over one billion lives saved? He stressed the importance of keeping the message simple. Baekelmans said that young people, the media and politicians should be the target. The question should be about post 2011. 2011 should be the beginnings of everything.

Global activity: What could we do around the world on a certain day. CEE is looking into this. Something related to water would be a good one. Social networking sites can be used as a vehicle to children. Expand from chemicals that shook the world to chemicals of concern. We need to get young children to understand what chemists do!

Driescher- We need individuals to get message across.

West-We need to promote materials that have changed our lives in particular areas. Ask children what they think materials could change they way we live.

Evans considered the link between the chemical and the function viz. chlorine in water, use of polyethylene in piping.

Action; Al Dalama to take the lead on developing this idea.

Driescher then provided some ideas on the COCI Industrial Award.

Launch in the Spring. 5 companies to provide prize money 5-10000 €. There was talk of possible internships at these companies.

Four themes were distilled from the discussion.

Young Children

Industry Award-Droescher

Social Networking-Humphris

Safety Training Programme-Bologna Alles

New Projects

Evans said that a Chemrawn on Biofuels was in the offing. Looking for champion. Need to involve politicians, NGOs and chemists. Need a different slant to normal biofuels conference. COCI's role is supportive. Possibility of holding in Malaysia or two possibilities in USA.

Evans and Smith presented slides on Technology Transfer and West on Life Cycle Analysis.

Evans provided an update on the Public Appreciation of chemistry.

Web-site development is the way to go. Message from Fabienne that discussion on going with Wikipedia to develop Wikichemical. Fabienne can put us in touch with a contact. Wikipedia link to IUPAC will push us up the list for the keyword "chemistry". Going to Wikipedia will link us to IUPAC and vice-versa.

IUPAC Discussion Boards

Presentation by Bryan Pearson of the IUPAC Secretariat on the uses and benefits of the IUPAC Discussion Boards on the web

RSC Industry and Technology Forum

Review of RSC Industry activities by Mario Moustras

Health, Safety and Environment Program

Cesa brought the committee up-to-date on the programme.

There are four to five new applicants for review. Host companies is still a problem. Can any member help? They make the selection governed by common interest/like industries. Workshop is there to provide some feedback on what the trainee have done or will be doing. Hope the programme grows. Ideas for trainees to extend the programme: Web-based modules from Fabian Benzo, member network for STP fellows on-line eg facebook

There is a possibility for a SAICM Quick Start Programme

The book on Chemical Safety Matters – Needs updating

Humphris suggested other sources we can tap into viz-a-viz.chemical security engagement programme. Bologna Alles suggested we look for Spanish speaking trainees. Francophile Africa should be encouraged.

Division/Standing Committee Collaborations Programme

Division I

Dymond expressed a need to get information on the workings of the division across to the industry. At the moment this was done through the Company Associates.

Division II

Bologna Alles to make contact with West on materials where there was most opportunity for collaboration.

Division IV

The division committee is made up of a number of industrial members so Ober expressed the need to work closely with COCI particularly on IYC activities. Coordinate events throughout the world on polymers. There is a polymer education website which could be linked to polymer societies around the world and EEC and IYC. Evans suggested that polyethylene should be used in their promotion of the public face of polymers.

Division VII

Perun stated the need for industry collaboration in the sub-committee on medicinal chemistry and drug development and the one on toxicology and risk assessment. Humphries commented that with the relationship with the pharmaceutical industry why was there a problem with the getting the industry involved with IYC?

Division VIII

Moss spoke to the meeting on happenings and developments with InChI and InChIKey

Committee on Chemistry Education

Issues same as ours. Capacity building, sustainable development, public appreciation of chemistry.

CHEMRAWN Committee

Sydney reported on potential themes:

Biofuels-Chemrawn in 2010 in Malaysia

Herb Medicine-support from Division III and pharmaceutical industries.

Aspects of safety and toxicity. Evans offering help

Water- Middle East is a particularly bad case.

IYC- SAICM meeting in Africa could be used as sounding board

Other Business

Cesa provided details of the committee for 2010-2011

Next meeting would take place in Kuwait City to coincide with the Kuwaiti Conference of Chemistry on the 6-9 March 2010.

He gave thanks to Ishitani, Smith and Booth who were leaving the committee and presented them with a certificate of appreciation.