

IUPAC World Chemistry Leadership Meeting 2021

Malaysia Programme 18 August 2021 9.00 am Kuala Lumpur

The Future of Chemistry in Asia Pacific & the Role of Artificial Intelligence

Welcome to WCLM Malaysia 2021



On behalf of IUPAC & Institut Kimia Malaysia (IKM), I would like to welcome you to the **World Chemistry Leadership Meeting (WCLM) Malaysia 2021**. **WCLM Malaysia 2021** is being organized as part of the IUPAC WCLM 2021 in Montreal, Canada. The theme of **WCLM Malaysia 2021** is “**The Future of Chemistry in Asia Pacific and the Role of Artificial Intelligence**”.

WCLM Malaysia 2021 will comprise a Panel Presentation of four Invited Lectures on 1) Chemistry for Economic Development, 2) Chemistry for Environmental Protection, 3) Chemistry for Societal Harmonisation and 4) Chemistry for Sustainable Development, followed by a Panel Discussion on “**The Future of Chemistry in Asia Pacific**”, and two Keynote Lectures on “**The Role of Artificial Intelligence**”. The topics are chosen to showcase the importance of chemistry in socio-economic and sustainable development in Asia Pacific and the role of Artificial Intelligence in the future development of chemistry.

We are inviting you to join the live streaming of WCLM Malaysia 2021 from Kuala Lumpur, Malaysia on Wednesday, 18 August 2021 from 9.00 am to 12.00 noon Malaysian time. Pre-registration is required through the following link:

<https://us02web.zoom.us/meeting/register/tZYkcuirrD0sHdMdW2teYvznAxKdgr-7l2Xo>

Please register early as we are only taking up to 300 participants max.

The Programme of WCLM Malaysia 2021 is as follows:

WORLD CHEMISTRY LEADERSHIP MEETING 2021 (MALAYSIA PROGRAMME) **Wednesday, 18 August 2021, 9.00 – 12.00 noon Kuala Lumpur**

Malaysia time	Programme Details
9.00 am	Welcome ChM Dr Malarvili Ramalingam
9.05 am	Opening Address Datuk ChM Dr Soon Ting Kueh <i>President, Institut Kimia Malaysia</i>

- 9.15 am **IUPAC Address**
Professor Dr Christopher K Ober
Chair, IUPAC WCLM 2021
- 9.20 am Video on "**IUPAC 2025 - We Welcome You to Enchanting Malaysia**"

The Future of Chemistry in Asia Pacific
- 9.30 am **Chemistry for Economic Development**
Professor Dr Mayumi Nishida
Institute for Catalysis, Hokkaido University, Japan
- 9.45 am **Chemistry for Environmental Protection**
Dato' Professor ChM Dr Mazlin Mokhtar
LESTARI, Universiti Kebangsaan Malaysia, Malaysia
- 10.00 am **Chemistry for Societal Harmonization**
Professor Dr Mei-Hung Chiu
Graduate Institute of Science Education, National Taiwan Normal University, Taiwan
- 10.15 am **Chemistry for Sustainable Development**
Professor Dr Chulhee Kim
Department of Polymer Science and Engineering, Inha University, South Korea

Chairperson: Professor ChM Ts Dr Melissa Chan Chin Han
- 10.30 am **Panel discussion**
Moderator: Datuk ChM Dr Soon Ting Kueh

Keynote Lectures on The Role of Artificial Intelligence
- 11.00 am **The Role of Artificial Intelligence in Chemistry in the Future**
Professor Dr David Winkler
School of Biochemistry and Genetics, La Trobe University, Australia

Chairperson: Datin ChM Dr Zuriati Zakaria
- 11.30 am **Artificial Intelligence and de novo Drug Design**
Professor Dr Luhua Lai
College of Chemistry and Molecular Engineering, Peking University, China

Chairperson: ChM Mahayani Md. Saad
- 12.00 noon **Closing Address**
Datuk ChM Dr Soon Ting Kueh