

# 12TH ASIAN CHEMICAL CONGRESS (12ACC)

August 23 – 25, 2007

Putra World Trade Centre, Kuala Lumpur, Malaysia

“Chemistry for Development, Environment and Sustainability in Asia”



## Invitation to 12ACC

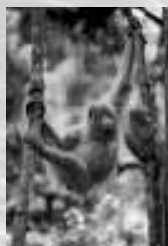
I am pleased to announce that Institut Kimia Malaysia, or IKM in short, is organizing the 12th Asian Chemical Congress (12ACC) 2007 from August 23-25, 2007 in Kuala Lumpur, Malaysia under the auspices of the Federation of Asian Chemical Societies (FACS).



12ACC will be the Meeting of leading scientists from all over the world. With the theme, “Chemistry for Development, Environment and Sustainability in Asia”, 12ACC will discuss the latest in chemical research, development and education with special emphasis on sustainable development and improving the quality of life in Asia. We are planning a scientific programme that covers all areas of chemistry and chemistry-related disciplines. Nobel Laureates and eminent scientists have been invited to present plenary and keynote lectures. 12ACC will also present 4 FACS Awardee Lectures and include other satellite functions of member societies of FACS. An exhibition, the Asian Exposition on Chemicals and Instrumentation (CiAsia) 2007, will also be held as part of 12ACC.



On behalf of the 12ACC National Organising Committee and Institut Kimia Malaysia, I would like to invite you to participate in this exciting event and meet up with fellow scientists from all over the world. Besides the scientific meetings, we are also planning a series of social functions. Malaysia is celebrating our 50 years of independence in 2007 and we would make sure that your trip to Malaysia for the 12ACC will be a memorable and unforgettable one.



Members of the 12ACC National Organising Committee and I are looking forward to meeting you, your family and colleagues at 12ACC in August 2007.



With best wishes.

Datuk Dr Soon Ting-Kueh  
Chairman, 12ACC National Organising Committee  
President-Elect, Federation of Asian Chemical Societies



Organised by:



Institut Kimia Malaysia (IKM)

Under the auspices of



Federation of Asian Chemical Societies  
(FACS)

#### International Advisory Committee (IAC)

**Nobel Laureate Prof. Yuan T Lee**  
Academia Sinica, Chinese Taipei

**Nobel Laureate Prof. F Sherwood Rowland**  
University of California at Irvine, USA

**Nobel Laureate Prof. Sir John E Walker (invited)**  
University of Cambridge, UK

**Nobel Laureate Prof. Ahmed Zewail**  
California Institute of Technology, USA

**Nobel Laureate Prof. Ryoji Noyori**  
Institute of Physical and Chemical Research,  
RIKEN, Japan

**Prof. Leiv K Sydnnes**  
International Union of Pure and Applied Chemistry,  
Norway

**Prof. Kazuko Matsumoto**  
International Union of Pure and Applied Chemistry,  
Japan

**Prof. Chunli Bai**  
Chinese Chemical Society, China

**Prof. Goverdhan Mehta**  
Indian Institute of Science, India

**Prof. Ho Chee Cheong**  
Institut Kimia Malaysia, Malaysia

**Prof. T S Andy Hor**  
Singapore National Institute of Chemistry, Singapore

**Prof. Sultan T Abu-Orabi**  
Arab Union of Chemists, Jordan

**Prof. Jung-Il Jin**  
Korea University, Korea

**Prof. Robert G Gilbert**  
University of Sydney, Australia

**Prof. Junghun Suh**  
Federation of Asian Chemical Society, Korea

**Datuk Dr. Ting-Kueh Soon**  
Federation of Asian Chemical Society, Malaysia

**Prof. Ho Si Thoang**  
Federation of Asian Chemical Society, Vietnam

**Prof. Barry N Noller**  
Federation of Asian Chemical Society, Australia

**Prof. Kyung Byung Yoon**  
Federation of Asian Chemical Society, Korea

**Dr. San H Thang**  
Federation of Asian Chemical Society, Australia

**Prof. Tahsin J Chow**  
Federation of Asian Chemical Society, Chinese  
Taipei

**Prof. Doo Soo Chung**  
Federation of Asian Chemical Society, Korea

**Prof. Yoshinori Asakawa**  
Tokushima Bunri University, Japan

**Prof. Geoffrey A Cordell**  
University of Illinois, USA

**Prof. Gerard Bodeker**  
University of Oxford, UK

**Prof. Kurt Hostettmann**  
University of Geneva, Switzerland

**Prof. Yodhathai Thebtaranonth**  
BIOTEC, Thailand

**Prof. Iqbal Choudary**  
University of Karachi, Pakistan

## Introduction

The Federation of Asian Chemical Societies, or FACS in short, was established in 1989 in Bangkok, Thailand. Comprising 27 national chemistry societies from countries in Asia and the Pacific, FACS represents the chemistry community in Asia and the Pacific.

The Asian Chemical Congress (ACC) is the biennial flagship scientific meeting of FACS. ACC brings together scientists from Asia and other parts of the world to discuss the latest in chemical knowledge, research and development, and education.

The 12th Asian Chemical Congress (12ACC) will be held in the Putra World Trade Centre, Kuala Lumpur, Malaysia from August 23-25, 2007. With the theme of "Chemistry for Development, Environment and Sustainability in Asia", 12ACC will focus on chemistry for knowledge creation, economic development, environmental management and sustainability in the world in general, and in Asia Pacific in particular. The following is an update on 12ACC.

## Scientific Program

The scientific Program of 12ACC comprises the following:

### ■ Plenary Sessions

6-8 Plenary lectures will be presented by the following eminent scientists:

- **Nobel Laureate Prof. F Sherwood Rowland (confirmed)**  
University of California at Irvine, USA
- **Nobel Laureate Prof. Ahmed Zewail (invited)**  
California Institute of Technology, USA
- **Prof. Chunli Bai (confirmed)**  
Chinese Academy of Sciences, China
- **Prof. K C Nicolaou (confirmed)**  
Scripps Research Institute, USA
- **Prof. Douglas Kinghorn (confirmed)**  
University of Ohio, USA
- **Nobel Laureate Prof. Kurt Wiithrich (invited)**  
Scripps Research Institute, USA
- **Nobel Laureate Prof. Roderick MacKinnon (invited)**  
Rockefeller University, USA
- **Nobel Laureate Prof. Richard R Schrock (invited)**  
Massachusetts Institute of Technology, USA

### ■ 4 FACS Awardee Lectures

The 4 FACS Awardee Lectures are as follows:

- FACS Foundation Award Lecture
- FACS Young Chemist Award Lecture

### National Organising Committee (NOC)

Datuk Dr. Soon Ting Kueh - Chairman	IKM/FACS
Prof. Datin Dr. Zuriati Zakaria - Secretary	IKM/FACS
Prof. Dr. Ho Chee Cheong	IKM
Datuk Kee Sue Sing	IKM/JKM
Mr Chee Ong Koh	IKM
Dato' Chang Eng Thuan	IKM
Dato' Dr. Ong Eng Long	IKM
Prof. Dr. Lee Chnoong Kheng	IKM
Assoc Prof. Dr. Lee Yook Heng	IKM
Mr Yeoh Guan Huah	IKM
Mr Qua Sai Chuan	IKM
Dr. Yew Chong Hooi	IKM
Datuk Dr. M Mohinder Singh	IKM
Dr. Goh Swee Hock	IKM
Dr. Lim Yau Yan	IKM
Prof. Dato' Dr. Mohd Jamil Maah	UM
Dato' Prof. Dr. Muhammad Idris Saleh	USM
Prof. Dr. Ibrahim Baba	UKM
Prof. Dr. Aminah Abdullah	UKM
Assoc Prof. Dr. Noor Aini Mohd Yusoff	UKM
Assoc Prof. Dr. Taufiq Yaq	UPM
Assoc Prof. Dr. Lau Seng	UNIMAS
Assoc Prof. Dr. Marcus Jopony	UMS
Assoc Prof. Dr. Norashikin Saim	UiTM
Mr Chang Hon Fong	JKM
Mdm Ramlah Md Isa	MARDI
Dr. Rasadah Mat Ali	FRIM
Dr. Chow Mee Chin	MPOB
Dr. Sabariah Samsudin /	
Mr Hidayatullah Hj Hussein	MCB
Dr. Chen Sau Soon	SIRIM
Mr Shaharul Sadri Alwi	DSM
Prof. Dato' Dr. Ikram M Said	MNPS
Assoc Prof. Dr. Zaini Hamzah	ANALIS
Mr CP Saw	ECMI
Mr Ethan Wong	ECMI
Mr Saiful Wahab	TLM
Ms Ong Bee Kwang - Executive Secretary (I)	IKM
Ms Suhaili Saadun - Executive Secretary (II)	IKM

- FACS Distinguished Contribution to Economic Development Award Lecture
- FACS Distinguished Contribution to Advancement in Chemical Education Award Lecture

### 5 Scientific Sessions

The 5 scientific sessions will cover all major areas in chemistry. Under each session, a number of mini symposia with specific topics of interest will also be presented.

- Inorganic, Organometallic and Bioinorganic Chemistry (IOB)
  - Multifunctional Ligands in Coordination Chemistry (IOB-MUL)
  - New Developments in Bioinorganic (ION-NDB)
- Organic Chemistry: Mechanism and Syntheses (ORC)
  - New Frontiers in Organic Syntheses (ORC-NFS)
  - Recent Developments in Physical Organic Chemistry (ORC-POC)
- Physical and Theoretical Chemistry (PTC)
  - New Developments in Catalysis (PTC-CAT)
  - Advances in Electrochemistry (PTC-ELE)
- Industrial Chemistry (INC)
  - Petroleum and Petrochemicals (INC-PPC)
  - Agrochemicals (INC-AGC)
  - Biofuels - Renewable and Green Energy (INC-BIO)
- Oils and Fats Chemistry and Technology (OCT)
  - Food and Nutrition (OCT-FAN)
  - Chemical Analysis and Technology (OCT-CAT)
  - Oleochemicals (OCT-OLE)
  - Novel Oils and Fats (OCT-NOF)
  - Sustainable Production (OCT-SUP)

### 7 International/Regional Symposia

In addition, the following 7 International / Regional Symposia will also be presented.

- International Symposium on Environmental and Green Chemistry (EGC) 2007
- International Symposium on Food Analysis, Chemistry and Technology (FACT) 2007
- International Symposium on Innovations in Chemical Education (ICE) 2007
- International Symposium on Natural Products and Medicinal Chemistry (NPMC) 2007
- International Symposium on Advances in Polymer and Materials Chemistry (PMC) 2007
- Third Regional Symposium on Total Laboratory Management (QSEL) 2007
- Malaysian International Symposium on Analytical Sciences (SKAM - 20) 2007

### Exhibition

The Asian Exposition on Chemicals and Instrumentation (CiAsia) 2007 will be held in conjunction with 12ACC. CiAsia 2007 will showcase the latest in analytical techniques and instrumentation, laboratory equipment and management, chemicals including industrial,

## Meeting Announcement: The 12<sup>th</sup> ACC

### 12ACC Joint Organisers

12ACC is being organized by Institut Kimia Malaysia (IKM) with the collaboration of the following Malaysian universities, Government departments and agencies, R&D institutions and S&T organizations:

Universiti Malaya (UM)  
Universiti Sains Malaysia (USM)  
Universiti Kebangsaan Malaysia (UKM)  
Universiti Putra Malaysia (UPM)  
Universiti Malaysia Sarawak (UNIMAS)  
Universiti Malaysia Sabah (UMS)  
Universiti Teknologi MARA (UiTM)  
Chemistry Department Malaysia (JKM)  
SIRIM Berhad  
Department of Standards Malaysia (DSM)  
Malaysian Agricultural Research and Development Institute (MARDI)  
Forest Research Institute Malaysia (FRIM)  
Malaysian Palm Oil Board (MPOB)  
Malaysian Cocoa Board (MCB)  
Malaysian Natural Products Society (MNPS)  
Persatuan Sains Analisis Malaysia (ANALIS)

The following member societies of FACS have also joined us in co-organising 12ACC:

Chinese Chemical Society (CCS)  
Chemical Society of Japan (CSJ)  
Korean Chemical Society (KCS)  
Singapore National Institute of Chemistry (SNIC)  
Royal Australian Chemical Institute (RACI)  
Arab Union of Chemists (AUC)

### 12ACC Secretariat

Institut Kimia Malaysia  
127B, Jalan Aminuddin Baki,  
Taman Tun Dr Ismail  
60000 Kuala Lumpur, Malaysia  
Tel: +60 3 7728 3272  
Fax: +60 3 7728 9909  
Email: [12acc@ikm.org.my](mailto:12acc@ikm.org.my);  
[ikmmy@tm.net.my](mailto:ikmmy@tm.net.my)  
Website:  
[www.ikm.org.my/12acc.htm](http://www.ikm.org.my/12acc.htm)

*Deadline for the submission of abstracts has been extended to April 30, 2007 to enable more scientists to participate in 12ACC*

petrochemicals, oleochemicals, polymers and plastics, and fine chemicals, process control and automation, and scientific publications.

CiAsia 2007 is managed by ECMI Services Sdn Bhd. Please refer to the website: [www.ecmi.com.my](http://www.ecmi.com.my) for more information.

### Social Program

The organisers have arranged a series of social Programs for the delegates and their accompanying persons. Some of these social Programs include the following:

- **12ACC Welcome Reception** on Wednesday, August 22, 2007 at the Putra World Trade Centre, Kuala Lumpur.
- **12ACC Congress / IKM 40th Anniversary Banquet** on Saturday, August 25, 2007 at Merdeka Hall, Putra World Trade Centre, Kuala Lumpur.

### Satellite Functions

**Satellite Functions** including the following:

- 14<sup>th</sup> Federation of Asian Chemical Congress (FACS) General Assembly (GA)
- 52<sup>nd</sup> FACS EXCO Meeting
- Inaugural General Meeting (IGM) of Asian Phytochemical Society (APS)
- 23<sup>rd</sup> Annual General Meeting (AGM) of Malaysian Natural Products Society (MNPS)
- 20<sup>th</sup> Annual General Meeting (AGM) of Persatuan Sains Analisis Malaysia (ANALIS)

### Call for Papers

Those who are interested to present paper for 12ACC, either oral (20 minutes) or poster (size A0), are required to submit a soft copy of an abstract of not more than one-page (A4 size, microsoft office word with times news roman font size 12, single spacing) *via* email, [ikmmy@tm.net.my](mailto:ikmmy@tm.net.my) or [12acc@ikm.org.my](mailto:12acc@ikm.org.my), to the 12ACC Secretariat.

### Language

The official language of 12ACC will be English.

### Abstract Submission

Please indicate whether your paper is for oral presentation or poster in which scientific session or symposium. Abstracts submitted will be forwarded to the chairperson of the respective session/symposium for their consideration. Authors will be informed of the acceptance of their papers within three weeks after their submission. Accepted papers will appear in the 12ACC website: [www.ikm.org.my/12acc.htm](http://www.ikm.org.my/12acc.htm) one month after their submission.

### Registration with 12ACC

Only those who have registered with 12ACC and pay the fee, are only

allowed to make their presentations at 12ACC. Please submit your registration form together with the fee early. Only those who have submitted the registration form and fee at least one month before 12ACC will have their papers appearing in the scientific Program.

### Registration Information

All participants of 12ACC must submit the completed registration form together with the fee to the 12ACC secretariat. Only those who have submitted the registration form and paid the fee are allowed to take part in the proceedings of 12ACC. Registered 12ACC participants are entitled to the following:

- Attendance at all scientific sessions of 12ACC
- Receiving a set of 12ACC materials including the souvenir Program and book of abstracts
- Lunches and refreshments during 12ACC
- Attendance at the 12ACC welcome reception and congress banquet.

### Registration Fees

Local Participants			
Category of Participants	Early-Bird (before 01/07/2007)	Normal	Late (after 31/07/2007)
Members of IKM & collaborating organisations	RM500	RM600	RM700
Others	RM650	RM750	RM900
Full-time Graduate Students*	RM350	RM450	USD600
Overseas Participants			
Category of Participants	Early-Bird (before 01/07/2007)	Normal	Late (after 31/07/2007)
Members of FACS Societies	USD200	USD250	USD300
FACS Life Members	USD175	USD225	USD275
Others	USD250	USD300	USD350
Full-time Graduate Students*	USD150	RM450	rm550

\* A Letter from the Head of Department or Dean of Faculty confirming graduate student is required.

### Official Airline

The Official Airline of 12ACC is Malaysia Airlines. Congress participants will get special rates by quoting the reference number **G 12<sup>th</sup> ACC** when making bookings for their travels.

### Official Travel and Tour Agent

The official travel and tour agent of 12ACC is TLM Leisure & Convention Sdn Bhd. TLM will handle all matters related to travel arrangements including airport transfer, pre- and post-conference tours of 12ACC. It will also handle hotel reservations for those seeking accommodation. For those who require accommodation, please contact TLM at the following address:

#### TLM Leisure & Convention Sdn Bhd

Unit B - 0 - 11, Block B, Ground Floor, Megan Avenue II  
 12, Jalan Yap Kwan Seng, 50450 Kuala Lumpur, MALAYSIA  
 Tel: +60 3 2161 1899, Fax: +60 3 2162 1899, Email: [tour@tlm.com.my](mailto:tour@tlm.com.my)  
 For attention: Mr. Saiful Wahab / Mr. Matt Voo

## 12<sup>TH</sup> ASIAN CHEMICAL CONGRESS (12ACC) 2007

### Registration Form

I would like to register for 12ACC 2007.

Name: Prof/Assoc Prof/Dr/Mr/Miss\*

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

I would like to submit an abstract entitled: \_\_\_\_\_

for  Oral or  Poster at the following Session/Symposium (please tick one only):

IOB     ORC     PTC     INC     OCT     EGC  
 FACT     ICE     NPMC     PMC     QSEL     SKAM-20

Deadline for submission of abstracts is April 30, 2007. Please submit abstract via email as an attached word document to the 12ACC Secretariat.

Enclosed a cheque/draft (made payable to Institut Kimia Malaysia) for the amount of RM/USD\*

\_\_\_\_\_ for the following Registration Fee (please tick):

- Registration Fee: Local Participants  
 Member: RM500 (Early Bird)/600 (Normal)/750 (Late)\*  
 Non Member: RM650 (Early Bird)/750 (Normal)/900 (Late)\*  
 Graduate Student: RM350 (Early Bird)/450 (Normal)/600 (Late)\*

- Registration Fee: Overseas Participants  
 FACS Member: USD200 (Early Bird)/250 (Normal)/300 (Late)\*  
 FACS Life Member: USD175 (Early Bird)/225 (Normal)/275 (Late)\*  
 Non Member: USD250 (Early Bird)/300 (Normal)/350 (Late)\*  
 Graduate Student: USD150 (Early Bird)/200 (Normal)/250 (Late)\*

Early Bird refers to Registration Fee received before July 01, 2007; Late refers to Registration Fee received after July 31, 2007.

Payment may also be made by direct bank transfer into the following account:

Name of Account: Institut Kimia Malaysia      Ac No: 3127 731017  
Name of Bank: Public Bank Berhad      Swift Code: PBB EMYKL (for foreign transfer only)  
Address: 66, 68 & 70, Jalan Burhanuddin Helmi, TTDI, 60000 Kuala Lumpur, Malaysia

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please submit completed Registration Form together with the Registration Fee and Abstract (if applicable) to the 12ACC 2007 Secretariat at the following address:

#### 12ACC Secretariat

Institut Kimia Malaysia  
127B, Jalan Aminuddin Baki, Taman Tun Dr Ismail  
60000 Kuala Lumpur, Malaysia      Tel: +60 3 7728 3272      Fax: +60 3 7728 9909  
Email: 12acc@ikm.org.my; ikmmy@tm.net.my      Website: www.ikm.org.my/12acc.htm

\* Delete where not applicable