

Federation of Asian Chemical Societies

# F A C S

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## NEWSLETTER

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- Message from the President & Immediate Past President
- Minutes of the 15<sup>th</sup> General Assembly and EXCO meetings
- FACS Activities
- Profiles of the Member Societies



[www.facs-as.org](http://www.facs-as.org)

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## Federation of Asian Chemical Societies Newsletter

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### IYC and The Role of Chemistry in Asia



The Federation of Asian Chemical Societies (FACS) is a voluntary association of non-profit learned societies. It was initially formed by eleven founder societies on 15 August 1979. The number of member societies increased in the succeeding years, and now up to twenty-eight member societies. Its formation provides a channel of communication and collaboration among chemists and the chemical societies in the Asia-Pacific region. FACS is to promote the advancement of chemistry and the interests of professional chemists in the Asia-Pacific region.

Since its inception, the FACS has been carrying out various types of activities, such as the Asian Chemical Congress and projects of Asia-Pacific chemistry-based networks.

The world is currently facing many serious problems concerning the agriculture and food, medicine and health, the energy and resources, environment and safety, etc. Natural catastrophes and climate changes are stepping in to destroy our world with ever increasing wreckages, such as earthquakes, floods, droughts, etc. Chemistry is so-called central science and can provide solutions to many of the above-mentioned problems. Chemistry plays an essential role in clean and renewable energies for the low carbon economy. Innovative knowledge-based economy including high-tech chemistry and chemical engineering can strongly support sustainable development for the society and enhance our resistibility and immunity to both economic disturbances and natural disasters. Green chemistry will eventually revolutionize the chemical industry for pollution-free processes. Understanding the chemical processes in life sciences at molecular level is essential for developing new drugs and diagnostic methods and for green fertilizers and pesticides in agriculture. Chemistry is also the ultimate resources for new materials.

United Nations recognizes the importance of chemistry and proclaimed 2011 as the International Year of Chemistry (IYC). This is a formidable opportunity for Asian chemistry: for increasing the public appreciation of chemistry; for recognizing the essential contributions of chemistry to our society; for realizing the central role of chemistry in solving global challenges in resources, environment and climate change through close international collaboration; and most importantly, for attracting young talents with bright and original ideas to advance chemistry. IYC provides us a unique opportunity to join forces among Asian chemical societies in order to meet the global challenges.

The 21st century is believed to be Asian century. Our Asian chemical societies should capture the IYC to get close contact with respective government agencies for soliciting stronger supports for chemistry development and for attracting young talents for innovative research. FACS would like to play a major role in the sustainable development of the region to improve our environment and elevate the quality of life. With the cooperation and support of all scientists in Asia Pacific, we can ensure that FACS can play a crucial role in the socio-economic development of the world. As the economic globalization accelerated in the new millennium, challenges and opportunities are also globalized. IYC is also an opportunity for international collaborations all around the world, and particularly among our Asia-Pacific region.

**Prof. Chunli Bai**  
**President of FACS**

### Formulating a Global Chemistry Network



On March 27, 2011, the Federation of Asian Chemical Societies (FACS) signed a Memorandum of Understanding (MoU) with the American Chemical Society (ACS) in Anaheim, USA. The main objective of the MoU is to forge collaboration between FACS and ACS in jointly advancing chemical sciences in Asia and the United States of America (USA). This is the first step towards working closely together in chemical education, research and development and advancing chemical sciences in both continents.

Asia and the USA have many things in common and yet they are quite different in many ways. FACS will work closely with ACS in areas of common concern and interest. Asia is blessed with mega biodiversity and a huge human capital that can be tapped and further developed. On the other hand, the USA is advanced in terms of science and technology that can be further developed to provide solutions to solve many of the world's problems. It will be a win-win combination if Asia and USA can work together to resolve these major concerns of the world.

The first initiative under the MoU is the Inaugural Asia America Chemical Symposium (A2CS) which was held in Anaheim, USA on March 29, 2011. With the theme of "Energy and Food", this Symposium discussed the latest developments on energy and food. The second A2CS will be held in Bangkok, Thailand at the 14th Asian Chemical Congress (14ACC) in September 2011. After this, it will be held annually alternating between Asia and USA. The MoU will be developed further to cover exchanges in graduate students and researchers, collaboration and networking in research and development, and other projects.

The FACS-ACS collaboration can be further developed into a global network with the involvement of other chemical networks such as the European Association for Chemical and Molecular Sciences (EuChemS), the Federation of Latin American Chemical Societies (FLAQ) and the Federation of African Societies of Chemistry (FASC). Each network is unique in itself with its own characteristics and strengths; but if these networks can work together, it will form a formidable global entity that can advance global chemistry for knowledge generation, wealth creation and improving the quality of life.

Chemistry is often mentioned as the science that will provide solutions to many of the world's major problems such as food safety and security, energy, portable water, materials, resource utilisation and climate change. Thus the advancement of chemistry in all these areas is critical in sustaining the socio-economic development of the world and improving the quality of life of mankind. As a global entity, the Global Chemistry Network will be able to work together to achieve this objective. With concerted effort from all parties, I am sure that the Global Chemistry Network would be able to achieve our target of providing solutions to major world problems and ensuring a peaceful and sustainable world.

Let us work together in advancing global chemistry for the betterment of humankind.

**Datuk Dr Soon Ting-Kueh**  
**Immediate Past President, FACS**  
**Dated: 27 May, 2011**

## Minutes of the 15<sup>th</sup> General Assembly (15GA)

Sunday, September 13, 2009

10:00 am – 5:00 pm Shanghai International Conventional Center, Shanghai, China

### EXCO Members

No	Name	Position
1	Datuk Dr. Ting-Kueh Soon	President
2	Prof. Chunli Bai	President-Elect
3	Prof. Junghun Suh	Immediate Past President
4	Prof. Datin Dr Zuriati Zakaria	Secretary-General
5	Dr. San H. Thang	Treasurer
6	Prof. Tahsin J.	Coordinator of Projects
7	Prof. Kyung Byung Yoon	Chairman of Publications
8	Prof. Long Lu	Secretary-General Elect

### Delegates of Member Societies

Societies	Name	Position
Royal Australian Chemical Institute	Dr. Greg Simpson	Representative
Bangladesh Chemical Society	Prof. M. Muhibur Rahman	President
Brunei Darussalam Institute of Chemistry	Dr. Hj. Ibrahim Hj. Abd Rahman	President
Chinese Chemical Society	Prof. Chunli Bai	President
Hong Kong Chemical Society	Prof. Raymond W. Y. Wong	Chairman
Israel Chemical Society	Prof. Ehud Keinan	President
Chemical Society of Japan	Prof. Tamotsu Takahashi	Representative
Jordanian Chemical Society	Dr Amal Al-Aboudi	Representative
Korean Chemical Society	Prof. Minjoon Yoon	President
Institut Kimia Malaysia	Dato' Chang Eng Thuan	Vice-President
Nepal Chemical Society	Dr Ram Narayan Jha	President
The Institute of Chemistry, PNG	Dr Basil Marasinghe	President

Philippine Federation of Chemistry Societies	Prof. Maribel G. Nonato	President
Singapore National Institute of Chemistry	Prof. Andy Hor	President
Saudi Chemical Society	Dr. Ahmad H. Alghamdi	President
Institute of Chemistry, Ceylon	Prof. J. N. O. Fernando	Representative
Chemical Society Located in Taipei	Dr. Wenent P. Pan	President
Chemical Society of Thailand	Prof Supawan Tantayanon	President
	Assoc Prof. Supa Hannongbua	Vice-President
Chemical Society of Vietnam	Prof. Dr. Huynh Van Trung	Representative

Chemical Society of Japan: Dr Hiroyuki Nakanishi, Dr. Teruto Ohta, Mr Nobuyuki Kawashima, Prof Masato M Ito, Prof Noriyuki Suzuki, Mr Zhang Run Bei;  
 Philippine Federation of Chemistry Societies: Prof. Christina Binag  
 Chemical Society of Vietnam: Le Hong Minh  
 Institut Kimia Malaysia (IKM): Ho Chee-Cheong, Chang Eng Thuan

### Absent Societies

Country	Societies	Note
Fiji	Chemical Society of South Pacific	Asking for Absence
India	Indian Chemical Society	Asking for Absence
Indonesia	Himpunan Kimia Indonesia	Asking for Absence
Iraq	Iraqi Chemists Union	Asking for Absence
Russia	The Mendeleev Russian Chemical Society	Asking for Absence
Kuwait	Kuwaiti Chemical Society	No Reply
Mongolia	Mongolian Chemical Society	No Reply



New Zealand	New Zealand Institute of Chemistry	No Reply
Pakistan	Chemical Society of Pakistan	No Reply

## Past President of FACS

Name	Country
Prof. Tom Spurling	Australia
Prof Barry N Noller	Australia
Prof. Fortunato B. Sevilla III	Philippine
Prof H H Huang	Singapore
Prof Ho Si Thoang	Vietnam

## Distinguished Invited Guests

### IUPAC

Professor Jin, Jung-II, The president of IUPAC  
Professor David StC Black, Secretary General, IUPAC

### EuCheMS

Professor Luis A. Oro, Chairman of EuCheMS

### American Chemical Society

Dr. Thomas Lane, the President of ACS  
Dr. Nancy Jackson, the President-Elect of ACS  
Dr. Bradley Miller, Director of International Activities of ACS  
Dr. Edmund T. King, Chair, Subcommittee on Asia and Pacific Rim

### The German Chemical Society (Gesellschaft Deutscher Chemiker e.V., GDCh)

Professor Klaus Müllen, President of GCS  
Prof. Dr. Michael Dröscher, Member of the Board of GDCh  
Degussa AG, Senior Vice President,  
Prof. Dr. Wolfram Koch, Executive Director of GDCh  
Dr. Kurt Begitt, Deputy Executive Director of GDCh.

### The Royal Society of Chemistry

Professor C. David Garner, FRS President of RSC  
Dr Richard Pike, CEO  
Sarah Thomas, Market Development Manager  
Dr Alejandra Palermo, International Projects manager  
Dr Chunxiao Zheng, RSC Chief Representative, China

## Observers

Chemical Society of Japan  
Dr Hiroyuki Nakanishi  
Dr. Teruto Ohta  
Mr Nobuyuki Kawashima  
Prof. Masato M Ito  
Prof Noriyuki Suziki  
Mr Zhang Run Bei;  
Chemical Society located in Taipei

Biing- Jiun Uang  
Liang-Kang Liu  
Chiln-Hong Chang  
Mei-Hung Chiu  
Singapore National Institute of Chemistry  
Faridah Ibrahim  
Allison Law  
**Observer Society:**  
Russian Chemical Society

## AGENDA

1. Approval of the Agenda
2. Address by the President
3. Receive and confirm the minutes of the 14th General Assembly (14GA)
4. Matters arising from 14GA Minutes
5. Receive and approve the Biennial Report from the Secretary General
6. Receive and approve Financial Statements from the Honorary Treasurer
7. Receive and approve Report from the President-Elect
8. Receive and approve Report from the Coordinator of Project
9. Receive and approve Report from the Chairman of Publications
10. Confirm the recipients of FACS Awards and Citations
11. Confirmation of National/ territorial Delegates and Voting Members
12. Vote on the host of the 15<sup>th</sup> Asian Chemical Congress (15ACC)
13. Receive and adopt the revised FACS Statutes
14. Elect a new President for 2009-2011 who will take office at the first meeting of the Executive Committee (EXCO) after the General Assembly
15. Appoint the Secretary General on the recommendation of the new President
16. Elect the President-Elect and appoint the Secretary General-Elect on the recommendation of President-Elect
17. Elect the following principal office-bearers:
  - Treasurer,
  - Coordinator of Projects,
  - Editor of Publications, and
  - Director of scientific affairs
18. Elect new FACS Fellows and Honorary Fellows
19. Conduct any other relevant business

Professor Datuk Dr. Ting-Kueh Soon, President of FACS, presided the 15<sup>th</sup> General Assembly. He first expressed his warm welcome to all delegates and gave his gratitude to the Chinese Chemical Society and the local organizer, Shanghai Institute of Organic Chemistry (SIOC) to host this event and the coming 13<sup>th</sup>

Asian Chemical Congress. Then he declared the participation of each member societies, IUPAC, EUChE, ACS, RSC and GDCh. Professor Jin, Jung-II, The president of IUPAC  
Professor David StC Black, Secretary General, IUPAC

## 1. Approval of the Agenda

All items are approved without any question.

## 2. Address by the President

Before the presidential address, Professor Datuk Dr. Ting-Kueh Soon invited Prof. Jin, President of IUPAC, to give a talk. Prof. Jin thanked FACS and expressed his deep impressions to ACCs. He was satisfied with the roles played by FACS in chemical societies. And finally he hoped that more chemical societies in Asia join IUPAC.

Dr. Thomas Lane, President of ACS, Professor C. David Garner, FRS, President of RSC and Professor Luis A. Oro, Chairman of EuChE were also invited to give a short talks. They are all expressed their excitement to be invited to be here. They emphasized the power of chemistry in life, industry, and economy, the challenge that chemists are facing, the importance of collaboration between chemical societies worldwide.

In the presidential address, Prof. Datuk Dr. Ting-Kueh Soon focused his talk on the following 5 areas:

- Development of Asian chemistry in the last three decades;
- Asian chemistry – narrowing the gap between countries;
- FACS – collaboration with internal, regional and national/territory chemistry organizations and industry;
- FACS – collaboration with other Asian chemistry networks;
- Advancing Asian chemistry – the next decade.

## 3. Receive and confirm the minutes of the 14 General Assembly (14GA)

Prof. Datuk Dr. Ting-Kueh Soon went quickly through the items one by one of the minutes of 14GA. No question arisen.

## 4. Matters arising from 14GA Minutes

No

## 5. Receive and approve the Biennial Report from the Secretary General

Prof. Datin Dr Zuriati Zakaria mentioned that there are 28 member societies governed the Council, 8 members served the Executive Committee and 10 Projects responded scientific activities. She had prepared 4 EXCO Meetings from the 52<sup>th</sup> to 55<sup>th</sup>. 4 New

FACS Individual Life Members joined FACS (Dr. Dong Yang Wu from Australia, Prof. Fahim Uddin from Pakistan, Dr. Mohammad Mansoob Khan from India and Md. Mahhubul Islam Talukder from Bangladesh). The report also included the Joint FACS Seminars, Congress, Conferences and workshops, and FACS presentations in promoting chemistry activities in Asia. Two Newsletters were published during the period. The website was updated with the effort of Prof. Xiaoxia Li and the Cooperative Memorandum of Agreement between FACS and IPE for the maintenance in 2008-2010. She thanked EXCO members and the member societies for support and cooperation.

One comment came from the name of Iraqi Chemists Union. The correct one should be Iraqi Chemist Union.

## 6. Receive and approve Financial Statements from the Honorary Treasurer

In terms of all the FACS accounts' status and the perspective of FACS subscription and budget in 2010 & 2011, the Treasurer reported the following:

- A. The balance of the FACS account kept in Australia under RACI General Ledger (# No. 2-4170) as at August 24, 2009 is: **AUD50,109.47**

The above balance of AUD50,109.47 was increased from AUD47,390.04 (balance as reported at the 55<sup>th</sup> EXCO) adding an interest allocation for 2008 (AUD2,719.43) by the RACI Office in May 2009.

Addendum: The balance (AUD 50,313.30) as reported by the Treasurer at the 14<sup>th</sup> GA was incorrect; it should be AUD 50,327.30. The discrepancy (AUD14) is due to the courtesy of RACI absorbing the currency exchange administration fees paid. Below is a Table summarising this particular account's activities for the last two years.

- B. Current balance of the Foreign Currency Account under Account name: Federation of Asian Chemical Societies held with Commonwealth Bank of Australia (as at September 4 2009 via phone enquiry) is: **USD17,791.57**

The latest transaction statement (received on August 7 2009) shows balance of USD15,991.57. There were two payments received in form of overseas drafts (from the Saudi Chemical Society and the New Zealand Institute of Chemistry) totalling USD 1,800.00 have been deposited (waiting for bank clearance) which will bring the final balance to USD 17,791.57.

Subscription notices to all Member Societies were sent by airmail in April 2009 (except the Russian Chemical Society as there is no



current mailing and contact details available). A reminder has been sent to Societies with outstanding subscription, some have replied that the due amount will be settled during this 15<sup>th</sup> GA as suggested.

With regard to this Foreign Currency Account (FCA), the Treasurer had approval from the EXCO at the 55<sup>th</sup> EXCO meeting that this FCA be closed by the end of August 2009 (ref. 55<sup>th</sup> EXCO Meeting Minutes). However, as there are two overseas draft payments received from the Saudi Chemical Society and New Zealand Institute of Chemistry pending clearance, this FCA will stay open until these two cheques are cleared. It is anticipated that this FCA will be closed by end of September 2009. The closing balance from this FCA will then be converted to AUD and transferred into the FACS account kept in Australia under RACI General Ledger (# No. 2-4170). The Treasurer has sought an arrangement with RACI office to assist and will diligently manage all future financial matters.

C. Cash on-hand (in USD): **USD750.00**

The current status of cash on-hand has changed from USD 610.00 (as at the 55<sup>th</sup> EXCO meeting in Bohol, Philippines) to USD750 as a result of the following activities: (i) PFCS Subscription fees (2008 & 2009) of USD 240.00 cash received and, (ii) IUPAC Subscription for FACS (reimbursement to Datuk Dr Ting-Kueh Soon dated April 13 2009) of USD 100.00.

D. The dormant Account kept in IKM with the following balance details as at April 13<sup>th</sup> 2009 (provided by Datuk Dr Ting-Kueh Soon at the 55<sup>th</sup> EXCO):

Maybank Current Account: No. 562535-177723 **RM 40,064.87**

Maybank Fixed Deposits: No. 212530-064600 **RM 121,239.96**

Total: **RM 161,304.83**

Note: With the absence of the latest update balance, the figures above reflected the balance position as reported at the last 55<sup>th</sup> EXCO meeting in Bohol, Philippines.

E. The Treasurer has also reported a table of the FACS subscriptions (in USD) that is currently applied to our FACS Member Societies.

Society	Current (in USD)
Royal Australian Chemical Institute (RACI)	600
Bangladesh Chemical Society (BCS)	120
<b>Brunei Darussalam Chemical Society (BDCS)<sup>@</sup></b>	<b>120</b>
Chinese Chemical Society (CCS)	600
<i>The Chemical Society of the South Pacific, Fiji (CSSP)<sup>#</sup></i>	0
Hong Kong Chemical Society (HKCS)	300
<b>Indian Chemical Society (InCS)<sup>@</sup></b>	<b>120</b>
Himpunan Kimia Indonesia (HKI)	120
<i>Iraq Chemical Society (IrCS)<sup>#</sup></i>	0
Israel Chemical Society (IsCS)	300
Chemical Society of Japan (CSJ)	600
Jordan Chemical Society (JCS)	120
Korean Chemical Society (KCS)	600
Kuwait Chemical Society (KuCS)	600
Institut Kimia Malaysia (IKM)	300
<i>Mongolian Chemical Society (MCS)<sup>#</sup></i>	0
<i>Nepal Chemical Society (NCS)<sup>#</sup></i>	0
New Zealand Institute of Chemistry (NZIC)	300
Chemistry Society of Pakistan (CSP)	300
<i>Papua New Guinea Institute of Chemistry<sup>#</sup></i>	0
Philippine Federation of Chemistry Societies (PFCS)	120
Russian Chemical Society <sup>?</sup>	120
Saudi Chemical Society	600
Singapore National Institute of Chemistry (SNIC)	300
Institute of Chemistry, Ceylon (ICC)	120
Chemical Society Located in Taipei (CSTp)	600
Chemical Society of Thailand (CST)	300
Chemical Society of Vietnam (CSV)	120

<sup>@</sup> Unchanged for many Societies except for the *Brunei Darussalam Institute of Chemistry* and the *Indian Chemical Society*. Decision made at the 55<sup>th</sup> EXCO meeting that these 2 Member Societies' subscription be changed from USD300.00 to USD120.00.

<sup>#</sup> Subscription for 5 Member Societies (*The Chemical Society of the South Pacific, Fiji* ; *Iraqi Chemical Society*; *Mongolian Chemical Society* ; *Nepal Chemical Society* ; *Papua New Guinea Institute of Chemistry* ) will be waived until 2011. Status to be reviewed at the 16<sup>th</sup> General Assembly in Bangkok, Thailand in 2011.

? The Mendeleev Russian Chemical Society: Need to re-establish connection. Any suggestion?

E. Budget for FACS 2010-2011

Below is a proposed operating budget for FACS in 2010-2011.

FACS 2010 and 2011 Budget (US\$)					
	2010	2011		2010	2011
<b>Income</b>			<b>Expenses</b>		
Subscription from Member Societies	7,380	7,380	IUPAC annual fee	100	100
Less : Secretariat host (Chinese CS) Waive	- 600	- 600	FACS projects seed money (10 projects, @ USD500 each)	5,000	5,000
			FACS sub-projects seed money (2 sub-projects, @ USD250 each)	500	500
<u>Interests (estimate)</u>			Newsletter production cost provided by FACS	1,000	1,000
* Account kept at RACI Australia (AUD2,000)	1,600	1,600	Plaques for Awardees (4 pcs)		200
* Account kept at IKM Malaysia (RM10,000)	2,800	2,800	Citation Certificates		200
			Awardees' Travel Expenses to Thailand		
			- Foundation Lecturership		1,500
			- FACS Distinguished Young Chemist		1,500
			- FACS Distinguished Contribution to Economic Advancement		1,500
			- FACS Distinguished Contribution to Chemical Education		1,500
			Postage	120	120
			Bank charges/remittance fees	250	250
Total	11,180	11,180	Total	6,970	13,370
2010 & 2011 Total		22,360	2010 & 2011 Total		20,340

With an estimated surplus of USD 2,000.00, the Treasurer suggests that this could be used to sponsor representatives from Cambodia, Laos and/or Myanmar to attend the 16<sup>th</sup> General Assembly in Thailand as observers and allow them to become full FACS members in the coming year.

## 7. Receive and approve Report from the President-Elect

(Preparation for the 13<sup>th</sup> ACC and 15 GA)

Prof. Long Lu, instead of Prof. Chunli Bai gave this report. He first presented a **brief schedule** of the 13<sup>th</sup> ACC and the activities accompanied, such as this 15 GA, 56<sup>th</sup> EXCO Meeting, the 30<sup>th</sup> FACS Anniversary Forum, and the 5<sup>th</sup> ACES Meeting et al.

Schedule in Brief						
	2009-9-13	2009-9-14		2009-9-15		2009-9-16
8:00-8:30	Registration	Opening Ceremony				
8:30-10:10		Plenary Lectures		Plenary Lectures		Plenary Lectures
10:10-10:30		Break		Break		Break
10:30-11:50	Exhibition	GS01-08		GS01-08	MS02, MS03	GS01-07 MS05
11:50-14:00		Lunch		Lunch		Lunch
14:00-15:45	15 <sup>th</sup> GA from 10:00am	GS01-08	MS01 56 <sup>th</sup> EXCO Meeting	GS01-08	MS02, MS03 MS04A FACS 30 <sup>th</sup> Anniversary Forum	GS01-07 MS04B, MS05 5 <sup>th</sup> ACES Meeting
15:45-16:00		Break		Break		Break
16:00-17:35		GS01-08	MS01	GS01-08	MS02, MS03, MS04A FACS 30 <sup>th</sup> Anniversary Forum	GS01-07 MS04B, MS05 5 <sup>th</sup> ACES Meeting
18:00-20:00		Reception All participants	Congress Banquet All participants		FACS 30 <sup>th</sup> Anniversary Celebration Dinner	

GS01: Analytical Chemistry and Environmental Chemistry  
 GS02: Physical and Theoretical Chemistry  
 GS03: Chemical Biology and Medicinal Chemistry  
 GS04: Organic and Green Chemistry  
 GS05: Inorganic Chemistry and Nanochemistry  
 S06: Materials and Polymer Chemistry  
 GS07: Industrial Chemistry and Chemical Engineering  
 GS08: Chemical Education  
 MS01: Current Topics on Organometallics  
 MS02: 1st China-UK Symposium on Medicinal Chemistry  
 MS03: Chemosensors  
 MS04: Microscale Chemistry Experiments  
 MS05: Advances in Pesticide Application for Crops

A: Supported by FACS  
 B: Supported by UNESCO

Professor Bai Chunli, The Chairman of 13<sup>th</sup> ACC, Datuk Dr Soon Ting Kueh, The President of FACS, Prof. David StC. Black, on behalf of the President of IUPAC, Prof. Kuiling Ding, Director of SIOC were arranged to give talks in the Opening Ceremony of 13<sup>th</sup> ACC, FACS Award Ceremony was followed it.

The scientific program included six Plenary Lecturers, eight General Sessions, five mini-symposia and poster session.

The six Plenary Lecturers will be given by the following outstanding Chemists:

- a) Professor Hisashi Yamamoto, The University of

Chicago, USA

Title: Designing Acid Catalysis for Asymmetric Synthesis

- b) Professor Dongyuan Zhao, Fudan University, China  
 Title: Ordered Mesoporous Materials and Their Applications
- c) Professor Klaus Muellen, Max-Planck-Institut für, Germany, GCS President  
 Title: Macromolecules, Assemblies, Particles - A Discovery Journey in Materials Synthesis
- d) Professor Kazunari Domen, The University of Tokyo, Japan  
 Title: Visible Light Induced Hydrogen Production from Water on Heterogeneous Photocatalysts
- e) Professor Youji Sakagami, Nagoya University, Japan  
 Title: Endogenous Factors of Plants and Microorganisms
- f) Professor Hian Kee Lee, National University of Singapore, Singapore  
 FACS Foundation Lectureship Award  
 Title: Environmentally Friendly Solvent-Minimized Sample Preparation

**Eight General Sessions:**

- g) Analytical and Environmental Chemistry  
 h) Physical and Theoretical Chemistry  
 i) Chemical Biology and Medicinal Chemistry  
 j) Organic Chemistry and Green Chemistry

- k) Inorganic Chemistry and Nanochemistry
- l) Materials and Polymer Chemistry
- m) Industrial Chemistry and Chemical Engineering
- n) Chemical Education
- o) Totally 167 Invited Speakers and 170 Oral Presentation have been decided. Amongst 11 from FACS EXCO and Projector Directors, and 4 FACS awardees.

#### Specific Symposia:

- p) Recent Topics in Organometallics, 13 Lectures
- q) 1<sup>st</sup> China/UK Symposium on Medicinal Chemistry, Ten speakers (5 from China and 5 from UK).
- r) Chemosensors, 6 Invited Lectures and 7 talks.
- s) Microscale Chemistry Experiments, two parts: Part A was supported by FACS and demonstrated by Datin Dr. Zuriati Zakaria, Dr. Supawan Tantayanon, and Prof. N. H. Zhou. Part B: UNESCO-China Workshop on Microscience Chemistry Experiments, partially supported by UNESCO, 12 experiments will be demonstrated.
- t) Advances in Pesticide Application for Crops, 10 Lectures.

#### Poster Section

Over 600 Posters (200 each day) have been scheduled in the following Table based on the Abstract Books and will be exhibited in Mandarin Hall, The first Floor.

#### Abstract Books

All abstracts will be published in three books

**Accommodation:** Various Hotels nearby are reserved and selected by the participants.

### 8. Receive and approve Report from the Coordinator of Project

Prof. Tahsin J. Chow reported the 10 Projects, Project Directors, and their activities.

- Asian Chemical Education Network (ACEN)  
Director: Prof. Mwi-Hung Chiu  
6 activities have been held.
- Asian Network of Analytical Chemistry (ANAC)  
Director: Prof. Masaaki Tabata  
10 activities have been held.
- Asian Network for Environmental Chemistry (ANEC)  
Director: Prof. Ross Saddler  
7 activities have been held.
- Asian Network for Research on Anti-diabetic Plants (ANRAP)  
Director: Prof. Mohammed Mosihuzzaman  
5 activities have been held.
- Asian Pacific Food Analysis Network (APFAN)  
Director: Prof. Pieter Scheelings  
No activities.
- Asian Chemical Information Network (ChIN)

Director: Prof. Xiaoxia Li

Main activities are development of new version of FACS website and its maintenance.

- Green Chemistry (GC)  
Director: Prof. Chee-Cheong Ho  
4 activities have been held.
- Medicinal Chemistry and Natural Projects (MCNP)  
Director: Prof. David Winkler  
5 activities have been held.
- Low-Cost Instrumentation-Microscale Chemistry (LCI-MS)  
Director: Prof. Dr. Supawan Tantayanon  
9 activities have been held.
- History and Archives of FACS (ARCHIVE)  
Director: Prof. Barry N. Noller  
Key records and details to document and preserved are as follows
  - i) Records of General Assemblies, EXCO Meetings and Council Meetings;
  - ii) Lists of Activities (ACCs and meetings), Office Bearers and Awardees;
  - iii) FACS Newsletters;
  - iv) Conference brochures;
  - v) Photographs;
  - vi) FACS Publications;
  - vii) Other items of historical significance

### 9. Receive and approve Report from the Chairman of Publications

Prof. Kyung Byung Yoon mentioned that 2 Newsletters were published, per issue for each year. He thanked the member societies and EXCO members for supplying related materials. From now on the name of **the Chairman of Publications** will be changed to **the Editor of Publications**.

### 10. Confirm the recipients of FACS Awards and Citations

Prof. Hian Kee Lee from National University of Singapore, Singapore for Foundation Lectureship Award 2009 in Analytical Chemistry;

Dr. Sheng-Hsien Chiu from Department of Chemistry, National Taiwan University, Taipei for Distinguished Young Chemist Award 2009 in Organic Chemistry;

Dr. Jingliang Qiao from SINOPEC, Beijing Research Institute of Chemical Industry for Distinguished Contribution to Economic Advancement Award.

Prof. Mei-Hung Chiu from National Taiwan Normal University, Taipei for Distinguished Contribution to Chemical Education Award;

### 11. Vote on the host of the 15th Asian Chemical Congress (15ACC)

Five member societies applied for the host of the 15<sup>th</sup> Asian Chemical Congress and the 17<sup>th</sup> General Assembly, which will be held in 2013. Below is the list of the 5 applicants in time order:

- i) Chemical Society of Japan on 22 August 2008;
- ii) Singapore National Institute of Chemistry on 29 June 2009;
- iii) The Royal Australian Chemical Institute on 29 June 2009;
- iv) Chemical Society Located in Taipei on 30 June 2009;
- v) Bangladesh Chemical Society on 21 July 2009.

Each society gave 10 minutes to do power-point presentation. Members of Council were asked to vote by secret ballot. Finally Singapore National Institute of Chemistry wins from the vote to host 15<sup>th</sup> ACC and 17 GA.

## 12. Receive and adopt the revised FACS Statutes

YES.

## 13. Elect a new President for 2009-2011

who will take office at the first meeting of the Executive Committee (EXCO) after the General Assembly  
Prof. Chunli Bai from Chinese Chemical Society was elected as the new President who will serve FACS for the period of 2009-2011.

## 14. Appoint the Secretary General on the recommendation of the new President

Prof. Long Lu from Shanghai Institute of Organic Chemistry was appointed as the Secretary General who will serve FACS for the same period.

## 15. Elect the President-Elect and appoint the Secretary General-Elect on the recommendation of President-Elect

Dr. Supawan Tantayanon from Chemical Society of Thailand was elected as the President-Elect and Dr. Supa Hannongbua from Kasetsart University, Thailand was appointed as the Secretary General-Elect.

## 16. Elect the following principal office-bearers:

Final results are:

- Treasurer: Dr. San H. Thang (Australia);
- Coordinator of Projects: Prof. Tahsin J. Chow (Taipei)
- Editor of Publications: Prof. Noriyuki Suzuki (Japan), and
- Director of scientific affairs: Prof. Kyung Byung Yoon (Korea), which is a newly added bearer in FACS EXCO.

## 17. Elect new FACS Fellows and Honorary Fellows

## 18. Conduct any other relevant business



Participants of the 15<sup>th</sup> FACS General Assembly

## Minutes of the 57<sup>th</sup> FACS EXCO Meeting

Friday, June 19, 2010, 9:00am – 16:00pm 215 Room, Songen Building, Xiamen University, Xiamen, China

### Agenda:

1. Opening Remarks
2. Approval of the Agenda
3. Approval of the Minutes of the 15<sup>th</sup> GA
4. Approval of the Minutes of the 56<sup>th</sup> EXCO Meeting
5. Approval of the Report of the 13<sup>th</sup> ACC
6. Matters Arising from the 56<sup>th</sup> EXCO Meeting
  - a) Website
  - b) Chemical Research Society of India to Join FACS
  - c) Venue of the 58<sup>th</sup> EXCO meeting in Jordan
  - d) Venue of the 59<sup>th</sup> EXCO meeting in India
  - e) FACS Membership Fees
  - f) FACS Newsletter Printing
7. Matter from Immediate Past president (Prof. Datuk Dr. Ting-Kueh Soon)
8. Report from the Treasurer (Dr. San H. Thang)
9. Report from the Project Co-Directors of ACEN and LCI-MS (Prof. Tahsin J. Chow, Coordinator of Projects)
10. Progress Report of the Preparation for the 14<sup>th</sup> ACC and 16<sup>th</sup> GA (Dr. Supawan Tantayanon)
11. Reports from the Editor of Publication (Dr. Noriyuki Suzuki)
12. Report from the Director of the Scientific Affairs (Prof. Kyung Byung Yoon)
13. Matters of the International Year of Chemistry – 2011 (if any)
14. Other Matters

### Participants:

#### EXCO Members

Name	Position at EXCO	Attendance	Email Address
Chunli Bai	President	YES	clbai@cas.cn
Supawan Tantayanon	President-Elect	YES	supawan.t@chula.ac.th
Ting-Kueh Soon	Immediate Past President	YES	soontk@ikm.org.my
Long Lu	Secretary General	YES	lulong@mail.sioc.ac.cn
San H. Thang	Treasurer	YES	san.thang@csi.ro.au

Tahsin J. Chow	Coordinator of Projects	YES	tjchow@chem.sinica.edu.tw
Kyung Byung Yoon	Director of Scientific Affairs	NO	yoonkb@sogang.ac.kr
Noriyuki Suzuki	Editor of Publications	YES	norisuzuki@sophia.ac.jp
Supa Hannongbua	Secretary-General Elect	YES	fscisp@ku.ac.th

**Observer:** Professor Tamotsu Takahashi

### Apology

Professor Kyung Byung Yoon sent an Email to the Secretary General, Professor Long Lu, informing him that he is unable to attend the 57<sup>th</sup> FACS EXCO Meeting.

### 1. Approval of the Agenda

### 2. Opening Remarks

Prof. Chunli Bai, FACS President, gave an opening Remarks entitled “IYC and our mission for a sustainable society” He mainly addressed the International Year of Chemistry – 2011 (IYC-2011). He said that IYC-2011 is a formidable opportunity for Asian chemistry. chemistry is about the nature of substances from which our universe is formed. Chemistry is about energy, materials, water and resources, environment, agriculture and food, medicine and health.

As the economic globalization accelerated in the new millenium, challenges and opportunities are also globalized. Our Asian chemical societies should capture the IYC to get close contact with respective government agencies for soliciting stronger supports for chemistry development and for attracting young talents for innovative research. And IYC is also an opportunity for international collaborations among our Asian countries.

The 21<sup>st</sup> century is believed to be Asian century. The richness, diversity and longevity of Asian culture are doomed to play important role in reviving our science and technology for the new century. IYC provides us a unique opportunity to join

forces among Asian chemical societies in order to meet the global challenges.

### 3. Approval of the Minutes of the 15<sup>th</sup> GA

The 15<sup>th</sup> FACS General Assembly was held on Sunday, September 13, 2009, in Shanghai International Conventional Center, Shanghai, China. 19 out of 28 member societies attended 15GA by their Presidents or Representatives. IUPAC (Professor Jin, Jung-II, The president of IUPAC, Professor David StC Black, Secretary General), EUChEMs, ACS, RSC and GDCh attended 15GA in groups headed by their Presidents/Chairman. 6 past-Presidents and some Project Directors were invited.

The 15<sup>th</sup> General Assembly approved the Minutes of the 14th General Assembly (14GA) and discussed the matters arising from it. The 15GA also received and approved the reports from the Secretary General, the Honorary Treasure, the President-Elect, the Coordinator of Projects, the Chairman of Publications. In 15 GA the recipients of FACS Awards and Citations and National/ territorial Delegates and Voting Members were confirmed. Afterwards, the host of the 15<sup>th</sup> Asian Chemical Congress (15ACC) and 17 GA was voted from 5 candidate societies and Singapore National Institute of Chemistry wins.

In 15GA Prof. Chunli Bai was elected as a new President for 2009-2011 who would take office at the 56<sup>th</sup> Executive Committee (EXCO) Meeting after the General Assembly. He appointed Prof. Long Lu as the Secretary General. The principal office-bearers: Treasure, Coordinator of Projects, Coordinator of Projects, Editor of Publications, and Director of scientific affairs were followed in the election. The revised FACS Statutes were received and adopted.

### 4. Approval of the Minutes of the 56<sup>th</sup> EXCO Meeting

The 56<sup>th</sup> EXCO Meeting was held on Nonday, September 14, 2009, in Shanghai International Conventional Center, Shanghai, China. 8 (out of 9) EXCO Members and some observers attended the meeting.

Professor Datuk Dr. Ting-Kueh Soon handed over the Presidency to Professor Chunli Bai who was elected as the new FACS President in 15GA and would serve FACS for the period of 2009 - 2011. As the tradition, Professor Datuk Dr. Ting-Kueh Soon became Immediate Past President and still serves in EXCO.

As the new FACS President, Prof. Chunli Bai gave an address. He expressed his gratitude to the trust and thanked all the past Presidents for their excellent services and leadership in the

Federation, especially to Datuk Dr. Ting-Kueh Soon for this transition of presidency. He analyzed the situation of Asian Chemistry and was fully confident that Asia is becoming the most important area in the world. FACS should work hard, in pursuit of excellence through out performance. Asian chemistry should make contributions.

In his presidency, FACS would take the opportunity of International Year of Chemistry to increase the influence of chemistry through uniting our forces. He hoped that each member society would work closely with the national governments to organize activities at different levels.

He pointed out that the new challenges are multifold: economic depression due to the financial crisis, energy shortage, pollutions, and resources shortage etc. Let's work together to unite the force of our Asian chemists to provide sustainable solutions and of course at the same time, to develop Asian chemistry.

In the 56<sup>th</sup> EXCO Meeting The New FACS EXCO Members and the Project Directors were confirmed and most of them are not changed. Professor Supawan Tantayanon, the new President-Elect, gave a brief report on the preparation of 14<sup>th</sup> ACC in Bangkok. Prof. Chunli Bai suggested her to ask the Project Directors to organize mini-symposia in case they complain and because it is the Chemistry Year 2011, it would be better to have a special activity. Prof. Datuk Dr. Ting-Kueh Soon suggested that it is good to have more general sessions than mini-symposia and applying funds (10,000 USD) from IUPAC to support young chemists to attend the 14<sup>th</sup> ACC.

### 5. Approval of the Report of the 13<sup>th</sup> ACC

The 13<sup>th</sup> Asian Chemical Congress (13<sup>th</sup> ACC) was held at the Shanghai International Convention Center, Shanghai, China during the period of September 14-16, 2009. The 13<sup>th</sup> ACC has attracted 1595 participants from over 45 countries/territories, amongst over 450 from external mainland China. It has received 1006 abstracts, with 6 plenary lectures, 203 invited lectures, 176 oral presentations, 607 poster presentations and 14 experimental demonstrations. The Congress is divided into Eight General Sessions. Each session consists of 20 invited lectures, 20 oral presentations (more or less) and open number of poster presentations. There are also 5 Specific Symposia.

In the 13<sup>th</sup> ACC Opening Ceremony, Prof. Chunli Bai, Chairman of 13<sup>th</sup> ACC gave an Opening Remarks. Prof. David StC. Black, Secretary General of IUPAC, gave an Address on behalf of Prof. Jin, Jung-II, the president of IUPAC. Datuk Dr Ting Kueh Soon, President of FACS, gave an Address. And Prof. Datin Dr Zuriati Zakaria, Secretary-General of FACS, announced FACS Awards 2009, handed by Datuk Dr Ting Kueh Soon.

FACS celebrated its 30<sup>th</sup> Anniversary with the Forum on "FACS: Looking Back and Moving Forward" on Tuesday, 14:30-17:30, September 15, 2009 at the Shanghai International Conventional Centre, Shanghai, China in conjunction with the 15 GA and 13<sup>th</sup> ACC. Delegates from member societies, EXCO Members, FACS Past Presidents, Distinguished invited guests from IUPAC, ACS, GCS, RSC, ACES, Plenary Speakers, All Session Chairs etc. were all invited to speak 10 minutes at the Forum.

The 13<sup>th</sup> ACC was thought to be greatly successful. It is a well organized scientific conference with high level presentations by young and outstanding chemists from all over the world, mainly from Asia-Pacific. Almost all speakers present their latest chemical research and development. Most presentations stand for the highest level in Asia-Pacific and nearly match the world level.

## 6. Matters Arising from the 56<sup>th</sup> EXCO Meeting

### a) Website

The website is continuously a big issue of FACS. It was decided that Prof. Xiaoxia Li is responsible for updating the information but not for the contents. Every EXCO members should provide information needed to Professor Long Lu who will send it to Professor Xiaoxia Li.

### b) Chemical Research Society of India to Join FACS

Indian Chemical Society is not active in FACS and its activities. We even lost contact to it for years. The Chemical Research Society of India (CRSI), on the other hand, is very active. It was decided that CRSI would be happy to associate itself with FACS and participate in all the activities of Federation of Asian Chemical Societies in whatever manner that may be necessary.

It invited FACS to participate in this meeting.

All EXCO members agreed that the Chemical Research Society of India (CRSI) is warmly welcome to join FACS, but it has to be decided by next general Assembly. It will be considered to hold an EXCO Meeting in India when the Society becomes a member of FACS.

### c) Venue of the 58<sup>th</sup> EXCO meeting in Jordan

In the 56<sup>th</sup> EXCO meeting, the 58<sup>th</sup> EXCO meeting was decided to be held in Dead Sea, Jordan on the 7<sup>th</sup> of September, 2010.

### d) Venue of the 59<sup>th</sup> EXCO meeting in India

The Chemical Research Society of India (CRSI) had invited us to have the 59<sup>th</sup> EXCO meeting in India, in conjunction with the 2011 annual meetings, which is scheduled to be held during

February 4-6, 2011 at Bhubaneswar (Orissa State). They are also going to celebrate the Year 2011 - The International Year of Chemistry.

Because the Chemical Research Society of India is not a member society and the time is just in Chinese New Year, the 59<sup>th</sup> EXCO meeting can not be held in India.

### e) FACS Membership Fees

Due to the small budget of FACS, the Chemical society of Japan suggested to increase the member fees to the FACS member societies. Or FACS matches IUPAC policies to give a weight of vote to each member society on the basis of the amount of payment. Because most member societies are from developing/poor countries/territories, it is decided not to change the original rules.

### f) FACS Newsletter Printing

In the 56<sup>th</sup> EXCO Meeting we have decided to publish two issues of FACS Newsletter each year.

## 7. Matter from Immediate Past president

Prof. Datuk Dr. Ting-Kueh Soon received Emails from Nancy B. Jackson who was just voted to be the 2010 president-Elect of American Chemical Society and interested in creating close ties with FACS and invited FACS to have the 59<sup>th</sup> EXCO Meeting in USA.

## 8. Report by the Treasurer

In terms of all the FACS accounts and the FACS subscription status, the Treasurer reported the following:

A. The balance of the FACS account kept in Australia under RACI General Ledger (# No. 2-4170) as at June 7 2010 is:

**AUD52,302.31**

The above balance of AUD52,302.31 was increased from AUD50,109.47 (balance as reported at the 15<sup>th</sup> General Assembly in Shanghai, China on September 2009) adding an amount of AUD2,192.84 being interest allocation for 2009 by the RACI Office (ref: Supporting Information #1).

<b>Beginning balance</b>	<b>AUD50,109.47</b>
Interests (earned for 2009 in AUD)	AUD2,192.84
<b>Closing Balance (as at June 7 2010)</b>	<b>AUD52,302.31</b>

B. Current balance of the Foreign Currency Account under Account name: Federation of Asian Chemical Societies



held with Commonwealth Bank of Australia (as at June 11, 2010 via telephone enquiry) is : **USD21,326.15**

- The latest transaction statement number 008 (Date printed December 31<sup>st</sup> 2009) from the Commonwealth Bank shows balance of USD 21,326.15 (ref. Supporting Information #2).

<b>Beginning balance</b> <i>(as reported at the 15<sup>th</sup> GA in Shanghai, September 2009)</i>		<b>USD17,791.57</b>
<i>Subscription fees received from Members (Year):</i>	<i>USD</i>	
The Korea Chemical Society (2009)	588.69	
Singapore National Institute of Chemistry (2008 & 2009)	591.53	
Israel Chemical Society (2008 & 2009)	563.47	
The Chinese Chemical Society (2009)	600.00	
The Chemical Society of Thailand (2008 & 2009)	590.89	
The Hong Kong Chemical Society (2008 & 2009)	600.00	
Net received total:	3,534.58	<b>3,534.58</b>
<b>Final balance total:</b>		<b>USD21,326.15</b>

Based on the final decision at the 15<sup>th</sup> GA, this Foreign Currency Account is kept operational until further decision from the EXCO.

C. Cash on-hand (in USD):  
**USD780.00**

The current status of cash on-hand has changed from USD 750.00 (as at the 15<sup>th</sup> GA meeting in Shanghai, China) to USD 780.00 as a result of the following activities:

Items	Cash received (USD)	Cash Payment (USD)	Cash on-hand (USD)
Opening (as reported at the 15 <sup>th</sup> GA in Shanghai, China)	---	---	<b>750.00</b>
HKI Subscription fees (2009)	120.00	---	120.00
IUPAC Subscription for FACS (reimbursement to Datuk Dr Ting-Kueh Soon dated September 14 2009)	---	50.00	-50.00
Jordanian Chemical Society (2009 & 2010)	240.00		240.00
Bangladesh Chemical Society (2009)	120.00		120.00
Brunei Darussalam Chemical Society (2009 & 2010)	240.00		240.00
Chemical Society of Vietnam (2008 & 2009)	240.00		240.00
Prof Mei-Hung Chiu Recipient of 2009 FACS Award for Distinguished Contribution to the Advancement of Chemical Education (NT\$18,637.00 = USD 590.00)		590.00	- 590.00
Miss Shiao-Lan Chung FACS Project: ACEN seed money for the ACEN Young Scholarship (USD 250.00)		250.00	-250.00
Reimbursement to the Treasurer for clearance of four USD cheques (Saudi Chem. Soc.; New Zealand Inst. Chem.; Chinese Chem. Soc.; Hong Kong Chem. Soc.)		40.00	-40.00
<b>Total :</b>			<b>780.00</b>

D. The dormant Account kept in IKM with the following balance details as of December 31<sup>st</sup> 2009 (provided by the Past President, Datuk Dr Ting-Kueh Soon):

Accounts	Balance at 15 <sup>th</sup> GA (RM)	Balance at 57 <sup>th</sup> EXCO (RM)
Maybank Current Account (No. 562535-177723)	40,064.87	3,269.01
Maybank Fixed Deposits (No. 212530-064600)	121,239.96	158,414.30
<b>Total :</b>	<b>161,304.83</b>	<b>161,683.31</b>

Refer to the Supporting Information #3 for these two accounts balance details.

For record purpose, subscription fees of USD 240.00 received from the Chemical Society of Pakistan (2008&2009) was deposited into the Maybank Current Account and cleared on November 19<sup>th</sup> 2009.

E. Subscription notices/List

Subscription notices for 2010 to all Member Societies were sent by airmail in early June 2010. The Treasurer reported that there is still problem in mailing invoice notice to the Mendeleev Russian Chemical Society due to no contact detail available. In addition, despite several attempts sending emails (all bounced back), faxing and mailing letter to the Hon. Secretary, Prof Majumder (on October 2, 2009) regarding the FACS overdue subscriptions for 2006, 2007 & 2009, the Treasurer had not heard back from the Indian Chemical Society since September 2009. We need to consider what action should be taken regarding the membership status of the Indian Chemical Society and how to send the invoice notice to the Indian Chemical Society.

For an update of our FACS Yearly Subscription List, refer to the handout.

## 9. Report from the Coordinator of Projects

Prof. Tahsin J. Chow listed the 10 Projects and commented the Directors and Co-Directors one after another. Big change is LCI-MSC (Low-Cost Instrumentation and Microscale Chemistry), Prof Datin Dr Zuriati Zakaria, the former Secretary-General, takes the place of Dr. Supawan Tantayanon

as the new Director. The two Co-Directors are Prof. Alexandre Pokrovsky and Dr. Abdulaziz A. Alnajjar. The Co-Director of ACEN (Asian Chemical Education Network) is Prof. Christina A. Binag. A newly formed Sub-Project, Asian Network of Metallic Chemistry (ANMC) is Prof. Yasushi Nishihara as the Director and Prof. Fu-Yu Tsai and Prof Yanzhong Li as the Co-Directors.

## 10. Progress Report of the Preparation for the 14<sup>th</sup> ACC and 16<sup>th</sup> GA

Dr. Supawan Tantayanon reported in details the Preparation for the 14<sup>th</sup> ACC and 16<sup>th</sup> GA, which will be held in 5 – 8 September 2011 Bangkok, Thailand. The preparation of the 14ACC is successfully and progressively on-going. At the moment Nobel and eminent scientists from all over the world are invited to **present keynote and plenary lectures**, e.g.,

Name of speaker	Title of Lecture/Indication of Subject Area
Prof. Dr. HRH Princess Chulabhorn Mahidol	Natural Products Chemistry
Prof. Yuan T. Lee (The Nobel Prize in Chemistry 1986)	Elementary Processes Involved in Matrix Assisted Laser Desorption Ionization
Prof. Ada E. Yonath (The Nobel Prize in Chemistry 2009)	The Amazing Ribosome
Prof. Minoru Isobe	New Molecular Science from Synthetic and Bioorganic Chemistry Related to Natural Products
Prof. Yongyuth Yuthavong	Drug Development at the Interface of Chemistry Biology
Prof. Niyazi Serdar Sariciftci	Organic Nanostructures for Solar Energy Conversion: From Photovoltaic Electricity to Synthetic Fuels Using CO <sub>2</sub> Recycling
Prof. Joseph Wang	Motion-Based Biosensors

The scientific works from Instructors, Researchers, Educators and Students in chemical and related fields are as well presented in **8 general sessions**, i.e., **Analytical and Environmental Chemistry, Materials and Polymer Chemistry, Physical and Theoretical Chemistry, Organic Chemistry and Green Chemistry, Chemical Education, Inorganic Chemistry, Nanochemistry and Catalysis,**

### Natural Products, Chemical Biology and Medicinal Chemistry, and Industrial Chemistry & Innovation

14ACC also provide the attractive current topics in chemistry resulted in **8 Symposiums**, i.e., Green Chemistry in Curriculum, Recent Advances in Functional Materials I, Recent Advances in Functional Materials II, Design of Organic Compounds for Optical and Electronic Applications, Cheminformatics, International Year of Chemistry 2011, Flow Techniques and Downscaling for Analytical Sciences and Medicinal Chemistry. **3 Workshops:** Frontiers in Drug Discovery Research, Recent Advances of Natural Products, Small Scale Chemistry and some mini-symposia. Over 70 invited speakers have already confirmed.

The 14<sup>th</sup> Asian Chemical Congress (14ACC) are arranged to feature a combination of presenting the exotic culture and spectacular Thai. These are organized in special theme party which you will enjoy memorably. The Chemical Society of Thailand (C.S.T.) truly believes that besides the valuable scientific knowledge, all participants' trip to Thailand, The Land of Smile, will be an impressive and memorable one.

### 11. Reports from the Editor of Publication

Dr. Noriyuki Suzuki gave a proposal for FACS Newsletter No.1/2010 and a brief proposal for the next issue (No. 2/2010).

### 12. Report from the Director of the Scientific Affairs

Prof. Kyung Byung Yoon was absent but he sent a list of symposia that he thought they should be held during the 14th

ACC. He wished the EXCO to persuade the organizers of the 14thACC to accept my recommendation so that ACC could become a real serious forum for the presentations of most recent researches of great significance. Otherwise, ACC will remain as an event which will provide the participants the good opportunities for sightseeing.

Most EXCO Members believed that the Conference should mainly focus on General Sessions because the subjects of symposia are too narrow.

Finally, In 57<sup>th</sup> EXCO Meeting, FACS congratulates the 13<sup>th</sup> ACC successful and thanks Chinese Chemical Society and Shanghai Institute of Organic Chemistry.



Long Lu, Noriyuki Suzuki, San H. Thang Ting-Kueh Soon, Chunli Bai, Supawan Tantayanon, Supa Hannongbua, Tahsin J. Chow, and Tamotsu Takahashi

## Minutes of the 58<sup>th</sup> FACS EXCO Meeting

Thursday, October 7, 2010, 9:30am – 18:00pm, King Hussein bin Talal Convention Center, The Dead Sea, Jordan

### Agenda

1. Apology (Prof. Tahsin J. Chow is absent)
2. Opening Address
3. Approval of the Agenda
4. Approval of the Minutes of the 57<sup>th</sup> EXCO Meeting
5. Reports from the President-Elect
6. Reports from the Coordinator of Projects
7. Reports from the Treasurer
8. Reports from the Director of Scientific Affairs
9. Reports from the Editor of Publications
10. Matters after the 57<sup>th</sup> EXCO Meeting
  - a) Venue of the 59<sup>th</sup> EXCO meeting in USA
  - b) FACS – ACS Agreement
  - c) FACS Newsletter Issue
  - d) 14<sup>th</sup> ACC announcement on the FACS website
  - e) Announcement of FACS Awards 2011
  - f) Adding regional representatives to participate in EXCO Meetings
  - g) Prof. Long Lu will participate in the EuCheMS General Assembly and meeting of Presidents on 14-15 October in Bled, Slovenia on behalf of Prof. Chunli Bai
  - h) Dr. Supawan Tantayanon attended 240<sup>th</sup> ACS National meeting in Boston, USA, from August 22-26 on behalf of FACS
  - i) Prof. Kyung Byung Yoon participated in the launching ceremony of the Cambodian Chemical Society as a delegate of FACS and delivered a plaque of congratulation to CCS.
  - j) FACS sent sympathy letter to Pakistan Chemical Society and waived this year's subscription fee on the occasion of the flood disaster.
  - k) Tamotsu Takahashi visited Shanghai
  - l) Matter about participants and speakers from Israel in EuAsC<sub>2</sub>S-11
11. Other Matters (IYC – 2011 if any)

### 1. Participants

#### EXCO Members

Name	Position at EXCO	Attendance	Email Address
Chunli Bai	President	YES	clbai@cas.cn
Supawan Tantayanon	President-Elect	YES	supawan.t@chula.ac.th
Ting-Kueh Soon	Immediate Past President	YES	soontk@ikm.org.my
Long Lu	Secretary General	YES	lulong@mail.sioc.ac.cn
San H. Thang	Treasurer	YES	san.thang@csiro.au
Tahsin J. Chow	Coordinator of Projects	NO	tjchow@chem.sinica.edu.tw
Kyung Byung Yoon	Director of Scientific Affairs	YES	yoomb@sogang.ac.kr
Noriyuki Suzuki	Editor of Publications	YES	norisuzuki@sophia.ac.jp
Supa Hannongbua	Secretary-General Elect	YES	fscisph@ku.ac.th

#### Observer

Prof. Kazuyuki Tatsumi, the President-Elect of IUPAC  
 Prof. Tamotsu Takahashi, Hokkaido University, Japan  
 Prof. Junghun Suh, Korea

### 2. Apology

Professor Tahsin J. Chow sent an Email to the President, Prof. Chunli Bai and the Secretary General, and Prof. Long Lu, informing that he is unable to attend the 58<sup>th</sup> FACS EXCO Meeting.

### 3. Opening Address

Dear All EXCO Members:

First of All, I would like to thank you for your participation in the 58th FACS EXCO Meeting. Secondly, I'd like to invite you to give our gratitude to the Chemical Society of Jordan to

provide us such a great opportunity, not only for the 58th FACS EXCO Meeting but also a scientific Conference. Though it is just about four months since the last EXCO Meeting in Xiamen, China, there are something happened. The world financial crisis is still striking our economy though in a gradually fading way, while the natural catastrophes and climate changes are stepping in to destroy our lands with ever increasing wreckages, such as floods in Pakistan and debris flow in Zhouqu, Gansu, China etc. Thousands of people died and more people were injured or homeless. We wish they will get recovered from these disasters rapidly and rebuilt their homes.

Chemistry plays an essential role in environment and energies. The 21st century is believed to be Asian century. The richness, diversity and longevity of Asian culture are doomed to play important role in reviving our science and technology for the new century. IYC provides us a unique opportunity to join forces among Asian Chemical Societies in order to meet the global challenges. FACS would like to play a major role in the sustainable development of the region and elevating the quality of life. With the cooperation and support of all scientists in Asia Pacific, we can sure that FACS can play a crucial role in the socio-economic development of the world.

Finally I wish all of you enjoy your stay here.

Chunli Bai

President of FACS

#### 4. Report from Prof. Datuk Dr Soon Ting Kueh (Adding regional representatives to participate in EXCO Meetings)

Prof. Datuk Dr Soon Ting Kueh, Immediate Past-President, proposed that EXCO looks into amending FACS Statute to include representatives from regions in the FACS Executive Committee (EXCO). The proposal is that we include one representative from each region into the FACS EXCO. The Regions may be classified in Option (I) which will have five regions, or Option (II) which will have three regions. Please see attached files.

If we agree and choose Option (I), then the EXCO will have 14 members. If we choose Option (II), then EXCO will have 12 members. When choosing representative from one region, it should come from member that is not already represented in the EXCO, and after that it will go by rotation to other members in the same region. His opinion is on the basis that

some members from certain regions felt being left out of FACS. Members from South and West Asia countries are often not represented in the EXCO.

Dr. Supawan Tantayanon supports Datuk Dr. Soon's proposal and suggest the option II as to try out first. She also proposes the selection of the ACC host that should go by rotation of the members in three regions as well.

#### FACS BY REGIONS (Option I)

PACIFIC ASIA	EAST ASIA	SOUTHEAST ASIA	SOUTH ASIA	WEST ASIA
Australia Fiji New Zealand Papua New Guinea	China HongKong Japan Korea Mongolia Russia Taipei	Brunei Darussalam Indonesia Malaysia Philippines Singapore Thailand Vietnam (Cambodia)	Bangladesh India Nepal Pakistan SriLanka	Iraq Israel Jordan Kuwait Saudi Arabia

#### FACS BY REGIONS (Option II)

EAST & PACIFIC ASIA	SOUTHEAST ASIA & PAPUA	SOUTH & WEST ASIA
Australia China Fiji Hong Kong Japan Korea Mongolia New Zealand Russia Taipei	Brunei Darussalam Indonesia Malaysia Papua New Guinea Philippines Singapore Thailand Vietnam (Cambodia)	Bangladesh India Iraq Israel Jordan Kuwait Nepal Pakistan Saudi Arabia Sri Lanka

It is decided to expand the Executive Committee of FACS from nine to twelve (the second option) by adding Region Representatives proposed by Dr. Soon. Only one term will be served for Region Representatives.

Meanwhile, it is also set up two terms for EXCO positions such as Editor of Publications, Coordinators of Projects, Director of Scientific Affairs and Treasures, which can be extended for one more term.

In retrieval of the 57<sup>th</sup> FACS EXCO Meeting, it is assigned two terms for Project Directors, such as Asian Chemical Education Network, Asian Network of Analytical Chemistry, Asian Network of Environmental Chemistry, Asian Pacific Food Analysis Network, Asian Network of Research on Anti-diabetic Plants, Asian Chemical Information Network, Green Chemistry, Low-Cost Instrumentation and Microscale Chemistry, Natural Product and Medicinal Chemistry Network,

History and Archives, and Sub-Project, Asian Network of Metallic Chemistry. It can also be extended for one more term. So far, the revised version for “FACS Statutes, Rules and Regulations and Operating Procedures” has been done.

## 5. Report from the Treasurer

In terms of all the FACS accounts and the FACS subscription status, the Treasurer reported the following:

A. The balance of the FACS account kept in Australia under RACI General Ledger

(# No. 2-4170) as at September 22 2010 is:

**AUD 50,370.54**

The above balance of AUD 50,370.54 down from the opening balance of AUD52,302.31 (balance as reported at the 57<sup>th</sup> EXCO in Xiamen, China on June 19 2010) was due to four payments totalling AUD 3,368.45 (for seed moneys to ACEN project, Newsletter production, ANRAP project and ANEC project) as administrated by the RACI Office and the interest of AUD 1,436.68 earned for 2009/2010 (ref: Supporting Information #1).

Beginning balance		AUD
		<b>52,302.31</b>
Interests (earned for 2009/2010 in AUD)		1,436.68
Expenses	(USD)	AUD
FACS ACEN 2010 Seed Money – Young Scholarship (Mr. Reyes C. Ronaldo)	500.00	- 567.15
FACS 2010 Seed Money for FACS Newsletter Production (The Chem Soc of Japan)	1,000.00	- 1,134.30
FACS ANRAP Seed Money (2008&2009) (M. Mosihuzzaman)	1,000.00	- 1,134.30
FACS ANEC 2010 Seed Money (Mrs. Le Thi Thanh Huong)	500.00	- 532.70
<b>Closing Balance (as at September 22 2010)</b>		<b>AUD 50,370.54</b>

B. Current balance of the Foreign Currency Account under Account name: Federation of Asian Chemical Societies held with Commonwealth Bank of Australia is :

**USD 24,542.71**

The latest transaction statement number 002 (Date printed August 31<sup>st</sup> 2010) from the Commonwealth Bank shows balance of USD 24,542.71 (ref. handout).

Beginning balance (as reported at the 57 <sup>th</sup> EXCO meeting in Xiamen, June 19 2010)		USD
		<b>21,326.15</b>
Subscription fees received from Members (Year):	USD	
The Chemical Society of Japan (2010)	591.84	
Royal Australian Chemical Institute (2010)	600.00	
The New Zealand Institute of Chemistry, Inc. (2010)	300.00	
The Israel Chemical Society (2010)	263.13	
The Chemical Society Located in Taipei (2010)	600.00	
The Korean Chemical Society (2010)	570.33	
The Singapore National Institute of Chemistry (2010)	291.26	
Net received total:		3216.56
<b>Final balance total:</b>		<b>USD 24,542.71</b>

C. Cash on-hand (in USD):

**USD760.00**

The current status of cash on-hand has changed from USD 780.00 (as at the 57<sup>th</sup> EXCO meeting in Xiamen, China) to USD 760.00 as a result of the following activities:

Items	Cash received (USD)	Cash Payment (USD)	Cash on-hand (USD)
Opening (as reported at the 57 <sup>th</sup> EXCO meeting in Xiamen, China)	---	---	<b>780.00</b>
Reimbursement to the Treasurer for clearance of two USD cheques (New Zealand Inst. Chem.; The Chem. Soc. Located in Taipei)		20.00	- 20.00
<b>Total :</b>			<b>760.00</b>

D. The dormant FACS Account kept in IKM: for reporting purpose, the Treasurer listed here the same balance details as at the 57<sup>th</sup> EXCO meeting in Xiamen, China in June

2010. Datuk Dr Soon (of IKM) will provide the latest balance at the 58<sup>th</sup> EXCO meeting.

Accounts	Balance at 57 <sup>th</sup> EXCO (RM)
Maybank Current Account (No. 562535-177723)	3,269.01
Maybank Fixed Deposits (No. 212530-064600)	158,414.30
<b>Total :</b>	<b>161,683.31</b>

E. Subscription notices/FACS Yearly Subscription List 2010 Subscription notices to Member Societies were sent by airmail in early June 2010. The Treasurer reported that there are still some subscription dues from Member Societies. Friendly reminders (via email) have been sent to these Societies on September 8 2010. As there is problem in obtaining correct mailing addresses for The Indian Chemical Society and The Mendeleev Russian Chemical Society, subscription notices have not been despatched to these two societies.

Due to the recent natural flood disaster in Pakistan, all the EXCO members had passed the motion to waive the 2010 subscription due for the Chemical Society of Pakistan. However, the outstanding subscription dues for three years 2007, 2008 and 2009 for the Chemical Society of Pakistan will be a matter to be resolved and discussed at the 58<sup>th</sup> EXCO meeting.

For an update of the FACS Yearly Subscription List, please refer to the handout.

F. Erratum

The Treasurer wishes to correct an error stated in section D of the Treasurer Report at the 57<sup>th</sup> EXCO Meeting, Xiamen, China that the subscription fees of USD 240.00 received and deposited into the Maybank Current Account were actually from the Institute of Chemistry, Ceylon, NOT from the Chemical Society of Pakistan as reported. Also, the same reference appeared in the FACS Yearly Subscription List and

that needs to be corrected accordingly.

### Supporting Information #1:

USD account in Australia will be decided in the next (59<sup>th</sup>) EXCO Meeting.

The Cambodian Chemical Society and Chemical Research Society of India have become the member societies of FACS. Prof. San H. Thang will send a letter to Indian Chemical Society for having Chemical Research Society of India be the member of FACS.

## 6. Report from the Chairman of the Scientific Affairs

### 1. Newly set 13 one-day Symposia with the topics listed below.

#### 1) Renewable Energy V: Dye-Sensitized Solar Cells

Organizers: Yong Soo Kang (Hanyang Univ., Seoul, Korea), Songyuan Dai (Chinese Academy of Sciences, China) Seigo Ito (University of Hyogo, Japan)

#### 2) Renewable Energy VI: Polymer-Based Solar Cells

Organizers: Kil Won Cho (POSTECH, Korea) and others

#### 3) Renewable Energy VII: Artificial Photosynthesis and Hydrogen Production

Organizers: Kyung Byung Yoon (Sogang Univ., Seoul, Korea) Kazunari Domen (Univ. of Tokyo, Japan) Chi-Sheng Wu (National Taiwan Univ., Taiwan)

#### 4) Separation, Storage, and Utilization of CO<sub>2</sub>

Organizers: Jong Nam Kim (Korea Institute of Energy Research) Moetaz I. Attalla (CSIRO Energy Technology, Australia) Shujuan Wang (Tsinghua University, China)

#### 5) Membranes for Molecular Separation

Organizers: Kyung Byung Yoon (Sogang Univ., Seoul, Korea) Masahiko Matsukata (Waseda Univ., Japan) Shilun Qui (Jilin Univ., China)

#### 6) Assembly of Nano and Microparticles into Functional Materials

Organizers: Kyung Byung Yoon (Sogang Univ., Seoul, Korea)

#### 7) Novel Compounds for Display and Lighting Devices

Organizers: Soon-Ki Kwon (Gyeongsang National

1/21 Vale Street North Melbourne VIC 3051						
General Ledger [Detail]						
30/06/2010 To 22/09/2010						
22/09/2010 9:40:13 AM	Date	Memo	Debit	Credit	Job No.	Page 1 Net Activity Ending Balance
2-4170		Federation of Asian Chem Soci				
		Beginning Balance:	\$52,302.31cr			
	*30/06/2010	09/10 Interest A		\$1,436.68		\$53,738.99cr
	8/09/2010	Ronald Reyes -	\$567.15			\$53,171.84cr
	8/09/2010	The Chem Soc	\$1,134.30			\$52,037.54cr
	8/09/2010	ANRPA Int Mon	\$1,134.30			\$50,903.24cr
	16/09/2010	Le Thi Thanh H	\$532.70			\$50,370.54cr
		Total:	\$3,368.45	\$1,436.68		\$1,931.77
		Grand Total:	\$3,368.45	\$1,436.68		

Univ., Korea)

Yun Chi (National Tsing Hua University, Taiwan)

## 8) Recent Progresses in Fast Kinetics and Their Application

Organizers: Sang Kyu Kim (Korea Advanced Institute of Science & Technology, Korea)

P. Y. Cheng (National Tsing Hua University, Taiwan)

## 9) Recent Trends in Heterocyclic Compounds

Organizers: Won Koo Lee (Sogang Univ. Seoul, Korea)

Tohru Yamada (Keio University, Japan)

Xue Long Hou (Chinese Academy of Sciences, China)

## 10) Novel Synthesis of Nano Materials and Applications

Organizers: Sang Woo Han (Korea Advanced Institute of Science & Technology, Korea)

Michael H. Huang (National Tsing Hua University, Taiwan)

Shu-Hong Yu (University of Science and Technology of China)

## 11) Medical Applications of Nano Materials

Organizers: Jin Woo Cheon (Yonsei Univ., Seoul, Korea)

W.T. Wong (The University of Hong Kong, Hong Kong, China)

Mitsuru Ishikawa (National Institute of Advanced Industrial Science and Technology, Japan)

## 12) Recent Progresses in Lab on a Chip and Its Applications

Organizers: Taek Dong Chung (Seoul National Univ., Seoul, Korea)

Yoshinobu Baba (Univ. of Nagoya, Japan)

Bing-Cheng Lin (Dalian Institute of Chemical Physics, China)

## 13) Medical Applications of Biopolymers

Organizers: Woo Dong Jang (Yonsei Univ., Seoul, Korea)

Nobuhiro Nishiyama (Univ. of Tokyo, Japan)

Wen-Fei Dong (Jilin University, China)

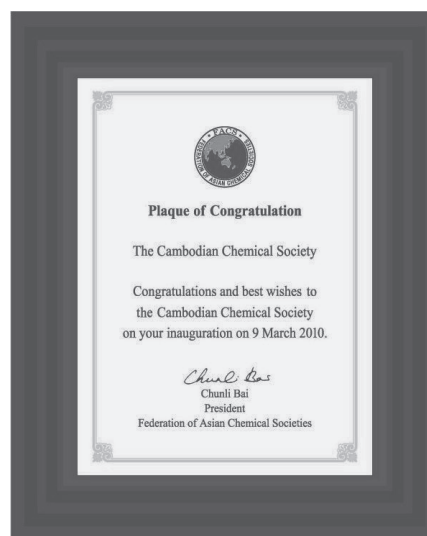
## 2. Participated in the launching ceremony of the Cambodian Chemical Society

The Cambodian Chemical Society was established on March 9 2010 and its registration was officially permitted by the Ministry of Interior of the Cambodian government. CCS is preparing to become a member of FACS in the near future.

The launching ceremony of CCS was held at the Pre-school Teachers Training Center, in Phnom Penh, Cambodia on August 19-20, 2010.

Professor Kyung Byung Yoon, Chairman of Scientific Affairs of FACS, participated in the ceremony as a delegate of FACS

and delivered a plaque of congratulation to CCS. The plaque was made in the celebration of CCS's inauguration. The website is continuously a big issue of FACS. It was decided that Prof. Xiaoxia Li is responsible for updating the information but not for the contents. Every EXCO members should provide information needed to Professor Long Lu who will send it to Professor Xiaoxia Li.



Plaque



Delivery of the Plaque to Dr. Huy Sieng, Executive Director of CCS





**Participants**

From the left,

- 1- Mr. Chunhieng Thavarith, Vice Director of Institute of Technology Cambodia (ITC) and CCS' s BOD member
- 2- H.E.Dr. Neth Barom, Vice President of Royal Academy of Cambodia and Chairman of CCS Board Director
- 3- Mr. Teruo Jinnai, Country Director, UNESCO Cambodia
- 4- H.E.Dr. Klot Thyda, Direct Adviser of Samdech Akka Moha Sena Padei Techo Hun Sen, Prime Minister, President of Royal Academy of Cambodia
- 5- Prof. Kyung Byung Yoon, Representative of FACS, Director of Scientific Affairs
- 6- Dr. Pau Ann Sivutha, Deputy Head of the Department of International Relation and Asian Affairs, Ministry of Health and CCS's BOD member
- 7- Dr. Nuth Sambath, Head of Department of Medicine, Institute of Biology Medicine and Agriculture, Royal Academy of Cambodia.

## 7. Report from Noriyuki Suzuki, Editor of Publications (On FACS Newsletter)

### Schedule for FACS Newsletter No.1/2010

We are proceeding to print Newsletter No. 1/2010. It will reach to the societies by the end of November.

The seed money (USD 1,000) for printing the newsletter on 2010 is received by the Chemical Society of Japan. We appreciate it.

### Proposal for FACS Newsletter No.1/2011

*Expected Contents, authors and lengths of manuscripts*

Message from the President

by Dr. Chunli Bai	1-2p
Message from the Immediate Past President	
by Datuk Dr. Ting-Kueh Soon.	1-2p
Minutes of the 15th General Assembly approved at 57 <sup>th</sup> EXCO meeting at Xiamen.	
by Prof. Long Lu, Secretary-General	10p
Minutes of the 57 <sup>th</sup> EXCO meeting at Xiamen (approved at 58 <sup>th</sup> EXCO,	
by Prof Long Lu, Secretary-General	
<b>To be approved</b>	4-6p
Meeting Announcement of the 14 <sup>th</sup> ACC at Bangkok (2011).	
by Chairperson, Prof Supawan Tantayanon, President Elect	2p
Announcement of other chemistry meetings held in Asia.	
For example, 15 <sup>th</sup> ACC at Singapore.	1p
2010 Profiles of the FACS Member Societies	
by Each Chemical Societies	16p
Directories	9-10p
<b>total</b>	<b>40-50p</b>

**Dec, 2010:** The request mails will be sent to all authors and societies.

**15<sup>th</sup> March, 2011:** Reminder mails were sent to the authors who had not submitted.

**31<sup>th</sup> March, 2011:** A deadline for the submittal is the end of June.

**May, 2011:** Printed issue will appear in May.

## 8. Matters after the 57<sup>th</sup> EXCO Meeting

### a) Venue of the 59<sup>th</sup> EXCO meeting in USA

Nancy Jackson, the 2010 President-elect of the American Chemical Society and to be the 2011 President of ACS, had invited us to have the 59<sup>th</sup> EXCO meeting in USA, in conjunction with Spring 2011 National Meeting of the American Chemical Society, which is scheduled to be held in Anaheim, CA, USA, during March 26-30, 2011. She is willing to support our in-country expenses at that meeting in Anaheim. She had also invited Prof. Bai to meet with the ACS Board of Directors on March 27, 2011.

### b) FACS – ACS Agreement

Nancy Jackson has been very interested in creating closer ties with the Federation of Asian Chemical Societies. She has had many discussions in this regard with Dr. Soon Ting Kueh and Dr. Supawan Tantayanon regarding collaborations between

ACS and FACS. She understands that there is an agreement for FACS to work closely and collaborate with ACS.

**e) FACS Newsletter Issue**

Please use Member Society instead of Country (Nation), or use Country (Nation) and (/) Territory if necessary. There is the rules of IUPAC and FACS which are agreed by Chinese Chemical Society and Chemical Society Located in Taipei. That is

In mainland China: Chinese Chemical Society

In Taiwan, China: Chemical Society Located in Taipei

By the way, It is not acceptable by using Nation (or Country), since Hong Kong and Taiwan are not countries.

**d) 14<sup>th</sup> ACC announcement on the FACS website**

Prof. Noriyuki Suzuki, Editor of publications, FACS has sent an Email to Prof. Xiaoxia Li, director of ChIN (Asian Chemical Information Network) asking to announce the 14<sup>th</sup> ACC on the FACS website as requested by Dr. Supawan Tantayanon, Chairman of 14<sup>th</sup> ACC and President-Elect of FACS. Prof. Xiaoxia Li has put a babber, announcement, and pdf circular of 14<sup>th</sup> ACC sent by Prof. Suzuki in the website on the second day, July 6, 2010.

**e) Announcement of FACS Awards 2011**

The FACS Awards 2011 will be as follow:

FACS Foundation Leadership: Inorganic

FACS Distinguished Young Chemist Award: Inorganic

FACS Award for Distinguished Contribution to Economic Advancement

FACS Award for Distinguished Contribution to Advancement in Chemical Education

FACS Citations for Contribution to Chemistry in the Asia Pacific

**f) Prof. Long Lu will participate in the EuCheMS General Assembly and meeting of Presidents on 14-15 October in Bled, Slovenia on behalf of Prof. Chunli Bai**

Prof. Luis Oro, EuCheMS President had invited Prof. Chunli Bai, FACS President, to attend the EuCheMS General Assembly and meeting of Presidents on 14-15 October in Bled, Slovenia. Prof. Bai has appointed Prof. Long Lu to attend on behalf of him because he is unable to attend in the time. See Invitation Letters in **Appendix I and Appendix II**.

**g) Dr. Supawan Tantayanon attended 240<sup>th</sup> ACS National meeting in Boston, USA, from August 22-26 as representative of FACS**

She talked about the American-Asia Chemistry Symposium organized by ACS and FACS and discussed FACS – ACS agreement with Nancy Jackson during her stay in USA.

**h) Prof. Kyung Byung Yoon participated in the launching ceremony of the Cambodian Chemical Society as a delegate of FACS and delivered a plaque of congratulation to CCS.**

The launching ceremony of CCS was held at the Pre-school Teachers Training Center, in Phnom Penh, Cambodia on August 19-20, 2010. Prof. Kyung Byung Yoon, Chairman of Scientific Affairs of FACS, participated in the ceremony as a delegate of FACS and delivered a plaque of congratulation to CCS. The plaque was made in the celebration of CCS's inauguration. (See Yoon's Report).

The Cambodian Chemical Society was established on March 9 2010 and its registration was officially permitted by the Ministry of Interior of the Cambodian government. The Cambodian Chemical Society is preparing to become a member of FACS in the near future.

**i) FACS sent sympathy letter to Pakistan Chemical Society and waived this year's subscription fee on the occasion of the flood disaster.**

In August, 2010, floods stroke Pakistan, destroyed houses, taken lives and ruined entire villages. As suggested by San H. Thang and agreed by most EXCO Members, Prof. Long Lu, on behalf of FACS, sent a letter to Pakistan Chemical Society to express sympathy and waived this year's subscription fee. Please see the letter in **Appendix III**

**j) Prof. Tamotsu Takahashi visited Shanghai**

Prof. Tamotsu Takahashi as a representative of the Chemical Society of Japan visited Shanghai on September 27, 2010.

**k) Matter about participants and speakers from Israel in EuAsC<sub>2</sub>S-11**

Prof. Long Lu, on behalf of FACS, sent a letter to Dr. Amal Al-Aboudi, Secretary of the Eurasia Conference on Chemical Sciences- 11 on the matter about participants and speakers from Israel in EuAsC<sub>2</sub>S-11. Please see the letter in **Appendix VI**

**l) The schedule of the 59<sup>th</sup> EXCO Meeting is settled down.**

The 59<sup>th</sup> EXCO Meeting will be held in Anaheim, CA, USA during Spring 2011 National Meeting of the American Chemical Society

- i) Arrival on March 25<sup>th</sup>, 2010
- ii) The 59<sup>th</sup> EXCO Meeting on March 26<sup>th</sup>, 2010
- iii) Meeting with ACS Board of Directors before the Board Dinner on the evening of March 26, 2011
- iv) Join the Board dinner on the evening of March 26, 2011
- v) Join ACS Board of Directors Meeting in the Morning of March 27, 2011, which is opened to Public.
- vi) March 28, 2010, Free (Chinese-American Celebration)
- vii) March 29, 2010, Asia-America Chemistry Symposium
- viii) March 30, 2010, Back to home
- ix) ACS will provide free five-night stay for EXCO Members
- x) Spring Break for AMY from Feb. 25 to March 14, 2010.

**m) The 16<sup>th</sup> GA will be held from Sept. 5 to 8, 2011 in Bangkok, Thailand**

- i) Sept. 4, 2011. All delegates for the 16th GA should arrive;
- ii) Sept. 5, 2011: The 16th General Assembly which will be ended before 4:00pm)
- iii) In the afternoon of Sept. 6, 2011: The 60th EXCO Meeting
- iv) In the evening of Sept. 6, 2011: Congress Dinner
- v) Revised version for "FACS Statutes, Rules and Regulations and Operating Procedures"
- vi) 14ACC will provide four nights accommodation for Representatives from Member Societies and five nights accommodation for EXCO Members

Two new members from Chemical Research Society of India and Cambodian Chemical Society

*Reports of The FACS Projects*  
**ANEC (Asian Network of Environmental Chemistry)**

**Training Course in Pesticide Risk Assessment and Management**  
**Hanoi, July 16-12, 2010**

### Major Activity

The major ANEC initiative carried out in the past 12 months was the conduct of a training course in Vietnam on Environmental Behaviour and Human Health Risk Assessment associated with the Use of Agricultural Pesticides. This course was funded by the Crawford Foundation (Australia) and FACS, with further contribution of funding from Griffith University (Australia). The course was delivered at the Hanoi Ministry of Public Health, between July 16<sup>th</sup> and July 12<sup>th</sup>, 2011. Resource persons for the Course were:

- Professor Des Connell (Australia)
- Associate Professor Glen Shaw (Australia)
- Dr Ross Sadler (Australia)

A detailed summary of the training program is given below:

Time	Content	Lecturer/Speaker
<b>Monday 12<sup>th</sup> July</b>		
<b>Introduction and Overview</b>		
8.30 am – 9.00 am	Reception/Registration	
9.00 am – 9.15 am	Official Opening	Prof. Dr. Nguyen Huy Nga, Director of GDPME, MOH <sup>1</sup>
9.15 am – 11.00 am	Introduction of participants	Vietnamese participants
11.00 am – 11.30 am	MORNING TEA	
11.30 am – 12.00 pm	Introduction to Course and Presenters	All presenters
12.00 pm – 1.00 pm	LUNCH	
1.00 pm – 2.00 pm	Overview of Environmental Health Risk Assessment	Professor Des Connell
2.00 pm – 3.00 pm	Introduction to Pesticide Chemistry and Toxicity	Dr Ross Sadler
3.00 pm –	AFTERNOON TEA	

3.30 pm		
3.30 pm – 5.00 pm	Identification of Problems in Vietnam and informal focus group discussion	All participants and presenters
<b>Tuesday 13<sup>th</sup> July</b>		
<b>Human Health Risk Assessment</b>		
8.30 am – 9.30 am	Risk Identification (Glen Shaw is covering characterization later in the day)	Professor Des Connell
9.30 am – 11.00 am	Dose Response Curves and Participant Exercises on Relationships	Associate Professor Glen Shaw
11.00 am – 11.30 am	MORNING TEA	
11.30 am – 1.00 pm	Exposure Assessment	Professor Des Connell
1.00 pm – 2.00 pm	LUNCH	
2.00 pm – 3.30 pm	Risk Characterization and Participant Workshop	Associate Professor Glen Shaw
3.30 pm – 4.00 pm	AFTERNOON TEA	
4.00 pm – 5.00 pm	Case Study of Chlorpyrifos Health Risk Assessment among Rice Farmers in Vietnam	Phung Tri Dung
<b>Wednesday 14<sup>th</sup> July</b>		
<b>Pesticides and their Environmental Behaviour</b>		
8.30 am – 10.00 am	Pesticide Sampling and Analysis (including workshop on design of a sampling program)	Dr Ross Sadler
10.00 am-	MORNING TEA	

10.30 am		
10.30 am – 12.00 pm	Pesticide fate in the environment and food.	Prof Des Connell
12.00 pm – 1.00 pm	LUNCH	
1.00 pm – 2.30 pm	Fugacity Modelling and Participant Workshop	Professor Des Connell
2.30 pm – 4.00 pm	Introduction to Risk Communication and Management	Dr Ross Sadler
4.00 pm – 4.30 pm	AFTERNOON TEA	
4.30 pm – 5.00 pm	Introduction to Field Trip	Vietnamese Presentation Team
<b>Thursday 15<sup>th</sup> July</b>		
<b>Field Trip and Group Work</b>		
8.30 am – 12.00 pm	Morning Field Trip to investigate Pesticide Application, Storage and Disposal Practices	All participants
12.00 pm – 1.00 pm	LUNCH	
1.00 pm – 2.00 pm	Introduction to Scenario Projects and Formation of Scenario Project Working Groups	All participants and facilitators
2.00 pm – 5.00 pm	Breakout of Scenario Project Groups and Project Work	Working Groups
<b>Friday 16<sup>th</sup> July</b>		
<b>Completion of Project Work, Reporting and Course Evaluation</b>		
8.30 am – 10.00 am	Scenario Project Work	Working Groups
10.00 am – 10.30 am	MORNING TEA	
10.30 am – 12.00 pm	Completion of Scenario Project Work	Working Groups
12.00 pm – 1.00 pm	LUNCH	
1.00 pm – 4.00 pm	Presentation of Scenario Project Findings and Reports	Group presentation
4.00 pm – 4.30 pm	AFTERNOON TEA	

4.30 pm – 5.00 pm	Course Evaluation, Presentation of Certificates and Course Closure	Representatives of GDPME <sup>1</sup> , presenters and all participants
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<sup>1</sup>GDPME: General Department of Preventative Medicine and Environmental Health, Ministry of Health

### General Objectives of the Course

The objectives of the course, were:

To promote a greater understanding amongst many scientists, medical personnel and government regulators as regards pesticide fate in the environment, pesticide transport and estimation of human health risk. It was the aim of the course to achieve this objective through

- Placing emphasis upon practices that will minimize pesticide residues in the final product
- Discussing safe pesticide application technology
- Improving the safety of agricultural workplaces
- Stimulating further research to address these topics

The understanding of the underlying processes was covered by the sessions on pesticide chemistry and toxicity, overview of environmental health risk and risk identification. Both of the latter sessions were specifically tailored towards problems associated with the use of pesticides. These sessions were blended with reports from two of the Vietnamese participants: One report dealt with studies on risk assessment associated with the use of chlorpyrifos by rice farmers in the northern areas of Vietnam; the other with the problems posed by dioxin accumulation in food growing areas of the south, which have been impacted by storage of agent orange and other defoliant chemicals, used during the Vietnam War.



Discussion on safe pesticide application technology was underpinned by the sessions that dealt with exposure assessment,

risk characterization and risk communication and management. The latter sessions concentrated on the problems associated with spray drift and strategies for the prevention of spray drift as well as effective methods for communication of findings to the community. Safety of pesticide handling in general was covered in the introductory lecture on pesticide chemistry and the themes picked up as specific areas in the subsequent risk assessment strands. The session on pesticide sampling and analysis provided a general introduction to the topic and also focused on specific field methodology that can be used to ensure that application is taking place in a safe and efficient manner, and that minimal quantities of pesticide are used.

Improvement of the safety of agricultural workplaces was also covered partly by the sessions on pesticide chemistry and pesticide fate in the environment. It was however the major purpose of the field trip to observe the actual practices being employed and use the knowledge gained in the previous three days to devise better strategies for safety in the agricultural workplace. Spraying was carried out manually in all instances of application observed. Following the field trip, the participants used the knowledge that they had acquired during the course to carry out a risk assessment on the pesticide application procedures in place. Amongst the major problems identified were:

- General lack of any product information or safety directions on the packaging
- Disregard by agricultural workers for application rates (one farmer questioned on the field trip admitted that he always used twice the recommended application rate).
- Lack of general safety precautions – farmers do wear masks but no other protection. During the presentations, it had been pointed out to participants that pesticide formulants may enhance the adherence of pesticides to clothing, increase the permeability of exposed skin, etc. We were told that about a week before a person in an adjoining village had died from excessive exposure to pesticides.
- Use of fairly low grade water containing a high concentration of particulates as make-up water for the spraying operations. This almost certainly would reduce the effective dose administered to the plants and increase the potential for movement of pesticides off site and through the soil profile by colloid-mediated transport.
- Disposal of unused pesticide directly into environmental media.

It appears that farmers no longer store bulk quantities of pesticide on the farm but buy it on an as-required basis. A check of an

agricultural pesticide supplier near Dalat showed the pesticide storage in these premises to be of a rather haphazard nature.

The stimulation of further research to address the topics was addressed through establishment of linkages with a number of agencies, represented by participants. Several enquiries regarding possible study in Australia were received from participants and GDPME is anxious for an ongoing association with the Griffith University Team. Discussions with the various participants highlighted possible areas for action and strategies by which these might be effected. One particular area to be identified was the potential for the use of probabilistic rather than stochastic techniques for assessment of risk associated with the problems of pesticide application in Vietnam. It was pointed out to the risk assessors present that the more powerful approach afforded by the former techniques would be more appropriate to the complex situation which prevails as regards pesticide application in Vietnam.



### Participant Feedback

Participant feedback on the course was very positive and there was a great deal of informal discussion with presenters. The participants were eager to use their positions and skills to effect some of the improvements identified by their risk assessment of the pesticide application practices observed in the field. The course attendees were drawn from a wide variety of agencies and other organizations and hence there is an excellent opportunity for the knowledge gained to be transferred to a broad spectrum of relevant applications. It was noteworthy that several of the participants were keen to extend the techniques learned to other areas, most notably the risk assessment associated with microbes. The application which they considered most significant in this area is for transfer of microbial contaminants to food from the use of

faecal material as a soil supplement, this practice being particularly common in Vietnam.

Although the participants received hard copy of the presentations, a number were also keen to obtain electronic versions of the material presented, for use in subsequent training. The presenters were happy to provide this as it offered the opportunity for persons who could not attend the course to receive some effective training in the area.

Probably the major barrier to the knowledge transfer will be the development and operation of effective risk communication strategies. This will require interfacing between the personnel who attended the training course and relevant extension officers in the agricultural sector.

In conclusion, the presenters are of the opinion that there is a major requirement for ongoing training of this kind throughout many countries of the Asia-Pacific Region. Chemistry has bequeathed a range of dangerous substances upon the agricultural community and it is highly appropriate that the discipline contributes methodology aimed at minimizing the associated risks.



**Director:** Dr. Ross Sadler (Australia)

Address: c/- School of Public Health,  
Griffith University, Logan Campus,  
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## *Reports of The FACS Projects* **LCI-MS** **(Low-Cost Instrumentation and Microscale Chemistry)**

Sept 2009- March 2010

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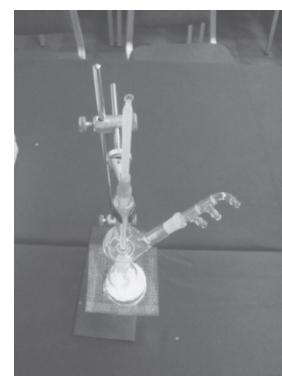
### ACTIVITIES

#### 1. Symposium and Workshop on Microscale Chemistry at the 13<sup>th</sup> ACC

This workshop was conducted on September 14, 2009 during the 13<sup>th</sup> Asian Chemical Congress in Shanghai, Republic of China. There were many apparatus and experiments presented by speakers, mainly from China, created by teachers and students. It was an opportunity for Asian chemists to exchange ideas and experience new techniques in conducting high school as well as University experiments.



Prof Zhuo presenting



Microscale glassware

#### 2. Workshops on “Small Scale Organic Chemistry Laboratory” at Malaysian Universities

Workshops were conducted at 3 Universities in Malaysia among the lecturers and technical staff.

- The first small scale Organic Chemistry Laboratory in 2009 was conducted by Associate Professor Supawan Tantayanon on 13 August 2009 at Universiti Putra Malaysia for lecturers at The Chemistry Department, Faculty of Science.
- Prof Dr Zuriati Zakaria conducted the small scale Organic Chemistry Workshop at the International Medical University Kuala Lumpur in June 21 2010 for lecturers and technical staff.
- Prof Dr Zuriati Zakaria also conducted a small scale Organic Chemistry Workshop at Universiti Malaysia Pahang at Kuantan, Pahang, Malaysia.



Participants trying out experiments



Participants at UMP, Pahang



### 3. 2<sup>nd</sup> Kuwait Microscale & Green Chemistry Workshop

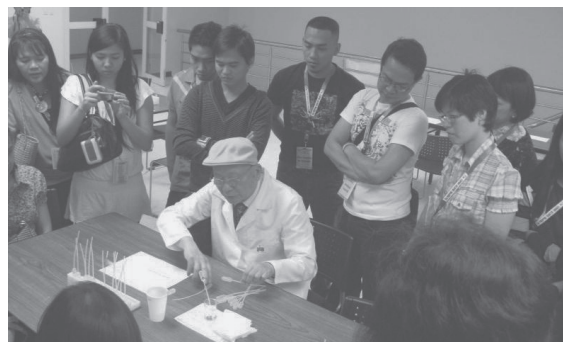
The 2<sup>nd</sup> Kuwait Microscale & Green Chemistry Workshop was held on Wednesday, March 10, 2010 – Thursday, March 11, 2010. It was organized by the Kuwait Chemical Society (KCS), Kuwait Foundation for advanced Science, Federation of Asian Chemical Societies (FACS)- LCI-MSK, United Nations Educational, Scientific and Cultural Organization (UNESCO) and Islamic Educational, Scientific and Cultural Organization (ISESCO). More than 30 participants conducted experiments using the small lab kit in a two day programmes. They were presented with certificates at the end of the workshop.



Participants at the 2<sup>nd</sup> Kuwait Microscale & Green Chemistry Workshop

### 4. 5<sup>th</sup> International Symposium on Microscale Chemistry

The 5<sup>th</sup> International Symposium on Microscale Chemistry was held from 8-9 April 2010 to foster the growth of microscale chemistry in the Philippines. It aimed to provide a platform for the interaction of chemistry teachers from the Philippines with resource persons from various parts of the world and for the eventual sharing of their experiences on Microscale Chemistry. It follows the same aspirations as the previous symposia were held in Mexico (2000 and 2005), Hongkong (2001) and Thailand (2009). The symposium was organized under the joint sponsorship of the Commission of Higher Education (Philippines) and the Philippine Federation of Chemistry Societies (PFCS) with the cooperation of the Federation of Asian Chemical Societies (FACS) and UNESCO. The organizing committee was headed by Prof. Fortunato Sevilla III of the University of Santo Tomas (Philippines).



Prof. Zhou demonstrating a microscale experiment to interested participants

### 5. Symposium on Microscale Chemistry at Pacificchem 2010

Prof Kazuka Ogino and Associate Prof Dr Supawan Tantayanon co-chaired the **Symposium on Microscale Chemistry at Pacificchem 2010** in Hawaii, USA on 17<sup>th</sup> December 2010. There were many papers from Japan and the USA and it was refreshing to learn more new experiments carried out with the microscale concept.



Participants at Pacificchem 2010

### 6. The 6<sup>th</sup> International Symposium on Microscale Chemistry

The 6<sup>th</sup> International Symposium on Microscale Chemistry took place on 13<sup>th</sup> to 15<sup>th</sup> March 2011. The symposium was organized by Kuwait Chemical Society (KCS) together with Federation of Asian Chemical Society (FACS). This International symposium is one of the events planned for celebration of the Year of Chemistry (2011) as declared by the United Nations. Focus areas of this conference are Microscale & Green Chemistry, Application of Microscale Chemistry in Education and Application of Microscale Chemistry in Research.



Dr Abdulaziz Alnajjar, Chairman of Symposium with invited speakers



Participants focusing on the hands-on experiments

## COMING EVENTS

- 1) The **9<sup>th</sup> National Conference on Microscale Laboratory** will be held in China (July20-23,2011) at Wuhan University of Engineering. Among the topics will be the New development of microscale lab (included new apparatus and new experiments on different level), Green chemistry and M.L. The experience and problems to adopting and popularizing M.L. in teaching, Curriculum reform and M.L will be addressed.
- 2) **Workshop on Small Scale Chemistry** will be held during the 14 th Asian Chemical Congress on 5-8<sup>th</sup> September 2011 in Bangkok, Thailand.

## *The Low-cost Instrumentation and Microscale Chemistry Network*

There are 13 representatives in the network as listed below:

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## FACS Awards 2011

### Foundation Lectureship Award 2011 in Inorganic Chemistry



#### Professor Shie-Ming Peng

Department of Chemistry National Taiwan University

Prof. Shie-Ming Peng is currently a professor at the Department of Chemistry, National Taiwan University. He received his BS from National Taiwan University in 1970, and his PhD from University of Chicago in 1975. After finishing a postdoctoral fellowship at Northwestern University, he became an Associate Professor (1976-80) and a Full Professor (1980) of the National Taiwan University. He was the Chairman of the Department of Chemistry (1987-1990) and the Vice President of the National Taiwan University (1999-2002). He also served as the President of the Chemical Society Located in Taipei (2001-2002). In 1998, he was elected as the Academician of Academia Sinica. Professor Peng is a synthetic and structural coordination chemist. His research work is recently centered on developing metal string complexes and investigating their applications in molecular electronics.

#### Honors and Awards

Humboldt Fellow	1983
Outstanding Young Alumni, National Taiwan University	1985
Sun-Yat Sen Foundation, Academic Award	1991
Chinese Chemical Society (Taipei), Academic Award	1992
Ho Foundation, Academic Award	1996
National Science Council, Outstanding Research Award	1986 1988 1990 1993
National Science Council, Distinguished Researcher	1995 1998
Ministry of Education, Science Award	1996

Ministry of Education, Chair Professor	1997-2000
Member of Academia Sinica (Academician)	1998
Chang Foundation, Academic Award	2000
TWAS (The Third World Academy of Sciences) Prize in Chemistry	2002
Member of TWAS	2004
Phi Tau Phi Taiwan Chapter, Outstanding Achievement Award	2005
Y.Z. Hsu Scientific Chair Professor	2006
Taiwan-French Science Prize	2008
Chair Professor, National Taiwan University	2006-2009; 2009-2012
Fellow of the Royal Society of Chemistry	2009
International Award, Japan Society of Coordination Chemistry	2011

#### Metal String Complexes

Metal string complexes are linear molecules consist of a linear transition metal framework helically wrapped by four organic ligands. Because of this special one-dimensional conformation, metal string complexes are of considerable significance for their potential applications as molecular wires. Professor Peng's work on metal string complexes has been well recognized as an outstanding contribution to science worldwide. The design and the realization of the interesting metal strings have shown exceptional creativity and intellectual depth. It is also important to note that the longest metal string complex,  $[\text{Ni}_{11}(\text{tetra})_4\text{Cl}_2]^{4+}$ , has recently been reported by Professor Peng's group (Figure 1). This unprecedented long metal string complex is a great landmark in this research field, and makes significant progress of science.

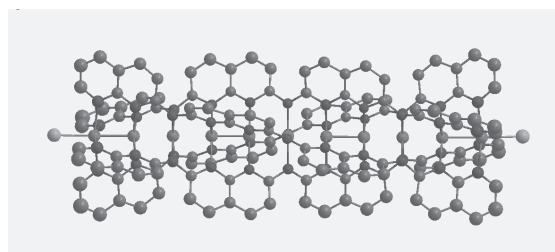
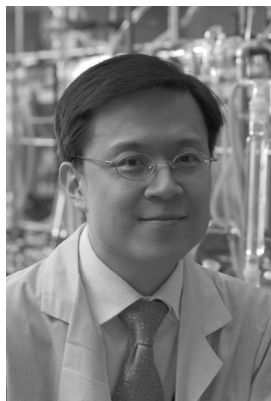


Figure 1. The longest metal string complex,  $[\text{Ni}_{11}(\text{tetra})_4\text{Cl}_2]^{4+}$ . *Angew. Chem. Int. Ed.* **2011**, *50*, 2045-2048.

## Distinguished Young Chemist Award 2011 in Inorganic Chemistry



### Professor Wai-Yeung WONG

Department of Chemistry  
Hong Kong Baptist University, Hong Kong

Prof. Wai-Yeung Wong received his B.Sc.(Hons.) in Chemistry with a First Class Honours from The University of Hong Kong in 1992 and went on to complete his Ph.D. there in 1995 under the supervision of Prof. Wing-Tak Wong. After a postdoctoral stay at Texas A&M University in 1996 under the tutelage of the late Prof. F. Albert Cotton, he worked as a Croucher Research Fellow at Cambridge University in 1997 with Profs. The Lord Lewis (FRS) and Paul R. Raithby. He joined Hong Kong Baptist University (HKBU) as an Assistant Professor in 1998, rising through the academic ranks to Chair Professor in Chemistry in early 2011 at the age of 40.

#### Honors, Awards and Professional Services

President's Award for Outstanding Performance in Scholarly Work, HKBU	2011
Chemistry of the Transition Metals Award, Royal Society of Chemistry	2010
First Class Prize in Natural Science Award, Education of Ministry, P.R. China	2010
Overseas Renowned Scholar, Chinese Academy of Sciences (CAS), P.R. China	2010
Croucher Senior Research Fellowship, The Croucher Foundation	2009
Two Asian Core Program Lectureship Awards, (one from Korea and the other from Singapore,	2009
President's Award for Outstanding Performance in Teaching, HKBU	2007
Croucher Research Fellowship, The Croucher Foundation	1997
Fellow of the Royal Society of Chemistry (FRSC),	2005
Chartered Chemist (CChem) Royal Society of Chemistry	2000
Editor of <i>Central Eur. J. Chem.</i> and guest editors of <i>J. Organomet. Chem.</i> , <i>Macromol. Chem. Phys.</i> and	

*Polym. Bull.*

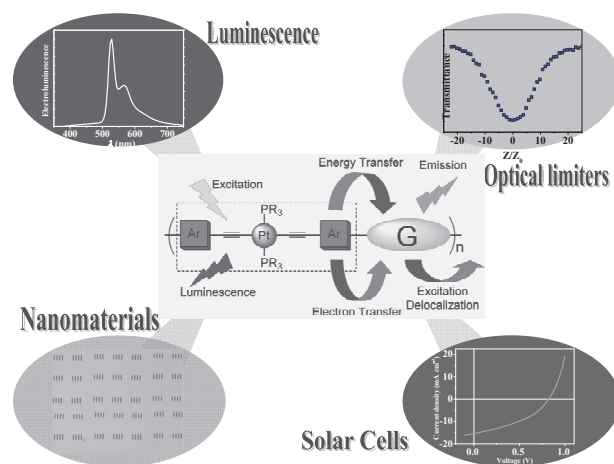
International Advisory/Editorial Board Members for *Macromol. Rapid Commun.*, *Macromol. Chem. Phys.*, *Dalton Trans.*, *Comment Inorg. Chem.*, *Macromol. Res.*, *J. Organomet. Chem.*, *J. Inorg. Organomet. Polym. Mater.*, *J. Cluster Sci.*, *Curr. Org. Chem.* and *Polym. Bull.*, etc.

Chairman, Hong Kong Chemical Society 2007–  
Secretary, Royal Society of Chemistry (HK Section) 2009–

#### Metallopolynes and Metallophosphors: New Multifunctional Materials with Emerging Applications

Professor Wong's research focuses on synthetic inorganic and organometallic chemistry and structural chemistry, with special emphasis on developing novel molecular functional materials and polymers containing transition metal elements, setting a common goal towards advancing energy-related technologies for a sustainable society. Although still in his early career, Professor Wong is internationally renowned for his research in metallopolymers and metallo-organic materials with energy functions as well as their optoelectronic and photofunctional properties. He has produced more than 300 SCI research papers.

The transformations of light into electricity and electricity into light in solar cells and organic light-emitting diodes (OLEDs) respectively are two complementary areas that have attracted considerable recent research interest. Organometallic molecules are shown to play increasing vital roles in organic electronics, optoelectronics and nanotechnology. For instance, they hold great promise as sensor protectors against intense laser beam, as converters for light/electricity signals and as patternable precursors to magnetic metal alloy nanoparticles. The chemical and physical properties of such organometallic material can be fine-tuned simply by varying its chemical structure to develop the best material to fit a particular energy conversion application.



## Distinguished Contribution to Chemical Education Award 2011



### Professoer Kazuko Ogino

Professor Emeritus  
Tohoku University, Japan

Professor Kazuko Ogino received her BS from Tohoku University in 1960, and her PhD from Tohoku University in 1966. She taught as an instructor at Department of Chemistry of Tohoku University from 1964 to 1973. She had a leave from Tohoku University in Sept. 1968 - June 1970, and worked as a postdoctoral research fellow in University of Illinois, Urbana, IL., U.S.A. (c/o Prof. Theodore L. Brown). In 1973, she was promoted to be a full professor of newly-established College of Medical Sciences, Tohoku University (It was reorganized in 2003 to be Course of Health Sciences, School of Medicine, Tohoku University). She worked there until her retirement in 2001, and now is Professor Emeritus. After retirement, she worked as a part-time instructor in several universities in and around Sendai, in Tokyo, Morioka and Mito. In 2005, she was invited to work fulltime as Othmer Visiting Professor in Natural Science, International Christian University, Tokyo for 1 year.

#### Honors and Awards

In March 1998, she was awarded the Toray Science Education Prize for the development of microscale chemistry experiments, from Toray Science Foundation. In the same month, she received the Chemical Society of Japan Award for Chemical Education for *Contribution to Chemical Education through Domestic and International Cooperation*. In March 2008, she was awarded the Green and Sustainable Chemistry Award from the Minister of Education, Culture, Sports, Science and Technology.

#### Activities in Chemical Education

She started her carrier as a coordination chemist. She made electrochemical, thermodynamic, kinetic and spectroscopic investigation on variety of coordination compounds. She found that coordination compounds are not popular among high school teachers and decided to start educational activities on coordination chemistry. The first work was to write a textbook on bioinorganic chemistry. The book *Coordination Chemistry of Metalloenzymes* (published in 1974) was the first textbook in this field in the world. She organized high school teachers to a group to develop attractive teaching materials of coordination compounds and modern materials. In early 1990s, Prof. Ogino extended her research on microscale chemistry (MC). MC is performed by using drastically reduced amounts of chemicals and miniature labwares. The general advantages of MC are the reduction of environmental impacts (reduction of chemicals, wastes and energy), and the improved laboratory safety. She and coworkers developed many stimulating microscale experiments on basic topics. These microscale experiments can be carried out with disposable microplates, vials, syringes which are available at low cost in any countries in the world. Some of the experiments, for example, ion exchange column chromatography, are not practical in ordinary scale as they are time-consuming and cannot be finished within class hours. On the contrary, ion exchange column chromatography is possible in microscale laboratory, as it is time-saving, and can be carried out in a 45 minutes-class hour. Some of the experiments are now becoming popular in Asia-Pacific countries, as she has given workshops not only in Japan, but also in several countries. The movement of Green Chemistry (GC) has arisen during 1990s to minimize negative impacts to environment by chemicals. In Japan, The Green & Sustainable Chemistry Network Japan (GSCN) was launched in March 2000. Prof. Ogino has always been the most active in Japan in the educational aspects of GC. She edited a textbook and developed teaching materials on GC. She organized research groups on GC education. She recognized the importance of international cooperation in the promotion of GC education and MC, and proposed to organize international symposia on Environmentally Benign Chemistry as early as in 1997. It was realized in International Chemical Congress of the Pacific Basin Societies (Pacifichem) in 2000, 2005 and 2010. Prof. Ogino has been active for the international exchange of researchers. She has served enthusiastically in several committees on chemical education of the Chemical Society of Japan and in GSCN.

## Distinguished Contribution to Economic Advancement Award 2011



### Dr. Pailin Chuchottaworn

President

IRPC Public Company Limited, Thailand

Dr. Pailin Chuchottaworn graduated Bachelor Degree in chemical engineering with 1<sup>st</sup> class honor from Chulalongkorn University and obtained his Master and Doctor Degrees in Chemical Engineering from Tokyo Institute of Technology under Japanese government's scholarship. He started his work in academic area first. After that he moved further to work as engineering and also marketing in management fields in several private and public companies. He created and was appointed Managing Director of PTT Polymer Marketing in 2005. He has been the President of IRPC Plc., the first fully integrated petrochemical complex in South East Asia since 2009. He is also the chairman of PTT Asahi Chemical Company Limited, a director of PTT Polymer Marketing Company Limited, National Nano Technology Center, National Metal and Materials Technology Center of the Ministry of Science.

#### Awards

Granted "Young Achiever Award 1993" by the Chulalongkorn University's Faculty of Engineering Alumni Association

Fellow Member 2005 of Thai Institute of Director

Quality Persons of the Year 2010 by Foundation of Science and Technology Council of Thailand

CST Award for Distinguished Contribution to Economic Advancement 2010 by Chemical Society of Thailand

QCC Promoter Award for Top Management by Technology Promotion Association (Thailand-Japan)

#### Dr. Pailin's Contribution to Economic Advancement

In the past two years as the president of IRPC Plc, he provided full supports to in-house research activities. For example, IRPC has file patents for new inventions such as (1) the highly active, morphologically-controlled Ziegler-Natta Polyethylene Catalyst and method of preparing the same, (2) methods and processes for producing process oil with a low polycyclic aromatic hydrocarbon content, and (3) a process for preparing a catalyst used for olefin polymerization. As sustainability is the most important issue for large business enterprise, during his tenure as the president of IRPC, the company has been steered towards more green products to help combat the climate changes. IRPC is now involved in the invention of innovative rubber, for the production of environmental-friendly vehicle tires which promise lower energy consumption and more hygiene. IRPC is also involved in the invention of Green ABS plastic, being the first in the world to produce ABS plastic with ingredient from natural rubber, instead of synthetic rubber, as well as the development of anti-bacteria substance to make plastic products safer and more hygiene. As these products are environmental-friendly and aimed at substituting imports, all would help enhance Thailand's competitive edge in chemical industries.

Finally, in this coming up September, he will be the new CEO of PTT, which is the largest National Oil and Gas Company in Thailand.

## Meeting Announcement of the 14<sup>th</sup> ACC at Bangkok

September 5-8, 2011, Queen Sirikit National Convention Centre, Bangkok, Thailand

The Asian Chemical Congress (ACC) is held at two yearly intervals as a tradition hosted by the members of the **Federation of Asian Chemical Societies (FACS)** which comprises of 28 chemical societies of countries and territories in the Asia Pacific whose membership consists of individual qualified chemists.

On the coming year of 2011, for the first time **the Chemical Society of Thailand (CST)** under the patronage of Professor Dr. Her Royal Highness Princess Chulabhorn Mahidol has received an honor to host the 14<sup>th</sup> Asian Chemical Congress on 5-8 September 2011 in Bangkok, Thailand.

14<sup>th</sup> Asian Chemical Congress (14ACC) under the theme “**Contemporary Chemistry for Sustainability and Economic Sufficiency**” will be **the Largest International Chemical Congress in the Region**. The congress is celebrating the “**International Year of Chemistry**” as announced by International Union of Pure and Applied Chemistry (IUPAC) and United Nations Educational, Scientific and Cultural Organization (UNESCO) aiming to place importance on and promote the chemical scientific works.

14ACC will discuss the latest in chemical research, development and education, aiming to make progress in sharing and learning scientific knowledge and improving the quality of life and environment. Nobel and eminent scientists from all over the world are invited to present plenary and keynote lectures, including **Professor Dr. Her Royal Highness Princess Chulabhorn Mahidol, Yuan Tseh Lee (The Nobel Prize in Chemistry 1986), Ada E. Yonath (The Nobel Prize In Chemistry 2009)**, and many more. The scientific works from instructors, researchers, educators and students in chemical and related fields are as well presented.

14ACC gives a great opportunity to researchers and academicians from graduate students to seniors to present, to share and exchange their works and experiences. It is also a good chance for chemists from both public and private sectors to gain proficiency from international leading scientists, to share new ideas and innovation, and to meet new exhibitors. These, will encourage the use of science and technology to

push forward economy and quality of life to its permanent stability.

### Co-hosted by

1. Department of Chemistry, Chiangmai University
2. Department of Chemistry, Chulalongkorn University
3. Department of Chemistry, Kasetsart University
4. Department of Chemistry, Khonkhane University
5. Department of Chemistry, Mahidol University
6. Department of Chemistry, Prince of Songkla University
7. Rajamangala University of Technology Thanyaburi

### Keynote Speaker

Professor Dr. Her Royal Highness Princess Chulabhorn Mahidol

### Plenary Speakers

1. Yuan Tseh Lee (The Nobel Prize in Chemistry 1986)  
President Emeritus and Distinguished Research Fellow of Academia Sinica of the Taiwan.
2. Ada E. Yonath (The Nobel Prize in Chemistry 2009)  
Professor, The Martin S. and Helen Kimmel Professor of Structural Biology, Israel. Director, The Helen & Milton A.Kimmelman Center for Biomelecular Structure & Assembly, Israel
3. Keiji Morokuma, Fukui Institute for Fundamental Chemistry, Kyoto University, Kyoto, Japan
4. Minoru Isobe  
Chair Professor, National Tsig Hua University, Taiwan. Professor, Emeritus Nagoya University, Japan.
5. Niyazi Serder Sariftci  
Professor, Johannes Kepler University Linz, Austria.
6. Yongyuth Yuthavong  
Senior Scientist, National Science & Technology Development Agency, Thailand.



## General Sessions

- Analytical and Environmental Chemistry
- Chemistry Education for 21st Century
- Industrial Chemistry and Innovation
- Inorganic Chemistry, Nanochemistry and Catalysis
- Materials and Polymer Chemistry
- Natural Products, Chemical Biology and Medicinal Chemistry
- Organic chemistry and Green Chemistry
- Physical and Theoretical Chemistry

## Symposium

- FACS – ACS Symposium
- Medicinal Chemistry
- Flow Techniques and Downscaling for Analytical Sciences
- Green Chemistry : Current Practices and Innovation
- Recent Advances in Functional Materials I
- Recent Advances in Functional Materials II
- International Year of Chemistry 2011
- Cheminformatics
- Renewable Energy I : Dye-Sensitized Solar Cells
- Renewable Energy II : Polymer-Based Solar Cells
- Renewable Energy III : Artificial Photosynthesis and Hydrogen Production
- Separation Storage, and Utilization of CO<sub>2</sub>
- Membranes for Molecular Separation
- Assembly of Nano and Microparticles into Functional Materials
- Novel Compounds for Display and Lighting Devices
- Recent Progresses in Fast Kinetics and Their Application
- Recent Trends in Heterocyclic Compounds
- Novel Synthesis of Nano Materials and Applications
- Medical Applications of Nano Materials
- Recent Progresses in Lab a Chip and Its Applications
- Medical Applications of Biopolymers

## Workshop

- Workshop on Frontier in Drug Discovery Research
- IUPAC Workshop in Recent Advances of Natural Products
- Workshop on Small Scale Chemistry
- UNIDO Workshop on Green Industry, Organic Pollutant and Persistent Organic Pollutants (POP)
- 5<sup>th</sup> Asian Network of Metal Chemistry

## Call for Abstract

The Scientific Committee of 14<sup>th</sup> Asian Chemical Congress (14ACC) invites all delegates to submit abstracts consisting of original research work for oral and poster presentation. To maintain high scientific standards at the congress, only abstracts that pass through a rigorous peer review process will be presented. The deadline for Oral/Poster abstract submission is **25 January 2011**, and notification of acceptance will be sent by **15 February 2011**. The deadline for Poster abstract submission is **20 May 2011**, and notification of acceptance will be sent by **20 June 2011**. ONLY presenting authors who have registered and paid by **5 July 2011** will be added to the final program. The registration can be made through the Congress website [www.14acc.org](http://www.14acc.org)

## Young Chemist Awards

**IUPAC Young Chemist Awards:** 15 Potential Young Chemists are announced to get the awards, supported by IUPAC.

**Bangkok Bank Young Chemist Awards :** Hundred of Thai graduate students will be supported to get the waived registration fee. The awards open to local young graduate students. Only original research work in the above mentioned topic areas, will be considered. Applicants should submit their poster presentation abstract by **July 15**. These abstracts will undergo the same scientific peer review as other submissions and only accepted abstracts will be eligible for the application.

## Registration Fee

	Early Bird Fee By 20 Apr 2011 (THB)	Standard Fee 21 Apr – 20 July 2011 (THB)	On-site Fee From 21 July 2011 (THB)
FACS Member	11500	13400	15400
IUPAC Member	12900	14400	15800
Non-member	14400	16000	17600
Oversea Graduate Student	8000	9600	11200
Accompanying	1600	1600	1900
Banquet	2250		2900

## Meeting Announcement of the International Conference on Chemistry, Environment and Climate Change at Suva



September 14th to 16<sup>th</sup>, 2011, Suva, Fiji

### About the Conference

2011 has been declared the “International Year of Chemistry by the United Nations with the theme **“Our Life, Our Future”**. To celebrate this auspicious occasion, The Chemical Society of the South Pacific together with The University of the South Pacific is organizing the “International Conference on Chemistry, Environment and Climate Change– Focus on the Pacific” from September 14th to 16th 2011 with an ultimate goal of providing a much needed forum for scientists to promote and exchange recent advances in all disciplines of chemistry and how the ongoing deterioration of atmospheric chemical composition has affected our environment and what preventive measures need to be taken to find sustainable solutions to protect and safeguard the threat to survival of the mankind.

### Objective of this Conference

This conference aims to bring together chemists, environmentalist and climate change scientists with multi-disciplinary professional background on a common platform where they can exchange ideas and discuss the role of chemistry in relation to future challenges and how this knowledge can be effectively applied in industry, agriculture, education, environment and other diverse fields for development and prosperity in human life. Potential young minds will be enthused and inspired to pursue research in Chemistry, *environment and climate change sciences*.

Abstracts are welcomed in the areas of;

- *Instrumental Methods of Chemical Analysis*
- *Analytical and Environmental Chemistry*
- *Food Chemistry and Security*
- *Environmental Pollution and Management*
- *Chemical and Toxic Waste Management*
- *Conservation, Bio-diversity*
- *Natural Products Chemistry*
- *Polymer Chemistry (natural/synthetic)*
- *Chemical Education and sustainable Development*
- *Medicinal Chemistry and its contribution to human*

### Submission of Abstracts

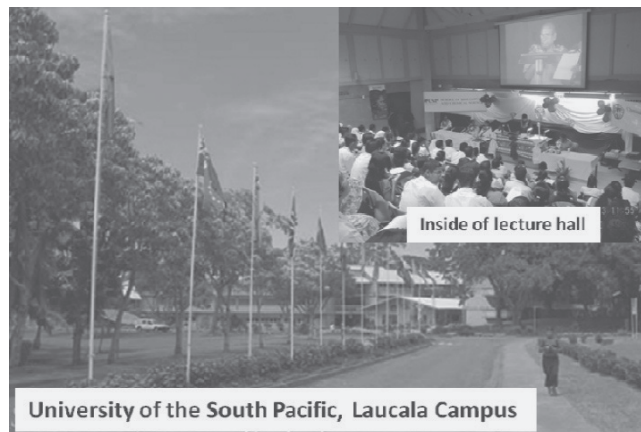
Abstract of not more than 250 words should be submitted for oral or poster presentation and written in English. It should include the Title of the paper (upper case, 14 font size), authors' name, affiliations and e-mail address and typed using MS word, single-spaced, Times New Roman font (12 font size) and left justified. All abstracts will be received through e-mail attachments only by 15th July 2011 to the conference Secretary (e. mail: secretaryicecc@usp.ac.fj) so that it can be included in the abstract book. Only abstracts of registered authors will be printed. The full paper(s), not exceeding 8 pages of accepted abstracts shall need to be submitted during or immediately after the conference to be considered for publication in the special issue of The South Pacific Journal of Natural and Applied Sciences (open access journal on CSIRO Publishing, Australia) after standard peer review process.

### Registration

Registration for the conference is now open. Completed forms should be emailed or faxed to the Conference Secretary.

### Registration fees

The conference will be held at the University of the South Pacific (USP), upper Laucala Campus, Suva, Fiji. Established in 1968, the USP is one of the two regional Universities of its kind in the



world, owned by 12 member countries and spread over 33 million km<sup>2</sup>. The multi-cultural and diverse multi-nationalism nature of the staff and students gives the USP a unique character. The conference rooms are equipped with modern multi-media systems.

### Travel to Fiji

Fiji awards a temporary visa up to 4 months upon arrival to all visitors holding a valid passport and a return ticket and adequate financial resources to cover their expenses. Please visit our website for detailed information. The following airlines fly to Fiji and flight information can be accessed from the airlines website.

Air Pacific – [www.airpacific.com](http://www.airpacific.com)

Air New Zealand – [www.airnz.co.nz](http://www.airnz.co.nz)

Korean Air – [www.koreanair.com](http://www.koreanair.com)

Pacific Blue – [www.flypacificblue.com](http://www.flypacificblue.com)

Air Calin - [www.aircalin.com](http://www.aircalin.com)

Continental

–[www.air-valid.co.uk/continental-airlines/fiji-sudden-flight.html](http://www.air-valid.co.uk/continental-airlines/fiji-sudden-flight.html)



All international flights arrive at the Nadi Airport. It is about 3 hrs drive to the capital city of Suva (30 min flight operated by Pacific Sun) where the USP Campus and conference venue is located. Please visit the website for further information on transportation.

### Accommodation

There are many hotels located in the vicinity of the conference venue and is accessible by bus or taxi which requires 10 mins. Some of these are; Suva Motor inn, Southern Cross Hotel, Holiday Inn, Tanoa Plaza and Capricorn Apartments. Limited accommodation options at USP Laucala campus are also available.

### Contacts

For further information on the conference contact the conference Secretary, at: [secretaryiccecc@usp.ac.fj](mailto:secretaryiccecc@usp.ac.fj),  
Ph:(679) 3232867, Fax:(679) 3231512 Or

Dr. Surendra Prasad

Conference Chairman

President, Chemical Society of the South Pacific

Associate Professor of Chemistry

School of Biological and Chemical Sciences

Faculty of Science, Technology and Environment

The University of the South Pacific, Private Mail Bag, Suva, FIJI

E.Mail: [prasad\\_su@usp.ac.fj](mailto:prasad_su@usp.ac.fj)

Phone No. + 679-3232416(W),

+ 679-9222178(Mob)

Fax No. + 679 -3231512

## Meeting Announcement of the 12<sup>th</sup> Eurasia Conference on Chemical Sciences at Corfu (EuAsC<sub>2</sub>S-12)

April 16-21, 2012, Corfu, Greece

### **About EuAsC<sub>2</sub>S conference**

Around 1985-86, Prof. Bernd M. Rode from the University of Innsbruck, Austria suggested with Prof. Hitoshi Ohtaki (an International Steering Committee Member of the International Conference on Solution Chemistry (ICSC)) to organize an international conference concerning solution chemistry in Thailand. However, ICSC had been scheduled until 1991, and thus, it was not possible to organize the new conference in Thailand before that year. Upon invitation of Profs. Rode and Ohtaki to Prof. Ivano Bertini of Florence University, Italy, to join this first committee, the three founders discussed the matter and changed Prof. Rode's original idea, to the creation of an international conference called Eurasia Conference on Chemistry of Solutions (EuAsC<sub>2</sub>S) with the aim to deepening friendship among chemists in the Eurasian supercontinent, and supporting them with the help of chemists in other continents such as America, Canada, and Australia. This could be achieved with the organization of the the international eurasia series of conferences of world-top quality and class, mainly in developing of Asian countries with the participation of a world-wide friendship network. Through this conference world-leading scientists were invited, with whom scientists, especially young ones from developing countries, could exchange scientific chemical information to emphasize scientific activities in their countries. Under such a vision of the three founders, Prof. Rode, Prof. Ohtaki and Prof. Bertini, the First Eurasia Conference on Chemistry of Solutions (1st EuAs C2S) was held in Bangkok in 1988 (<http://xray.kaist.ac.kr/euasc2s/>). Eurasia Conference on Chemistry of Solutions changed its name to Eurasia Conference of Chemistry in Seoul in 1990, and then, again to Eurasia Conference on Chemical Sciences in 1992 due to

its expansion to all areas of chemistry, now involved in the conference.

All previous conferences in this series were organized in Asiatic countries; the first to be organized in Europe will be the 12th in Greece. Chairman of Eurasia-12 is Emeritus Professor of Chemistry Nick Hadjiliadis.

### **About Corfu**

The Eurasia-12 Conference will be held at the Chandris Hotel, located in Dassia Bay of the island of Corfu Greece, at April 16 to 21, 2012.

**The Island of Corfu:** The island of Corfu is located just off the West coast of Greece. Corfu enjoys a mild Mediterranean climate along with excellent beaches making it a popular destination for holiday makers. Corfu is very green compared to other Greek islands: hot and dry summers along with winter rain creates lush vegetation which is dominated by over 2 million olive trees. There are several daily chartered flights to Corfu from the main European cities and the island can be reached by airplane or bus from Athens (45 minutes and 7 hours, respectively) and Thessaloniki (5hrs).

### **Plenary Lecturers of Eurasia12**

- Huber Robert, University of Duisburg-Essen, Germany (Nobel Laureate),
- Lehn Jean-Marie (to be confirmed), University of Strasbourg, France (Nobel Laureate),
- Suzuki Akira, Hokkaido University, Japan (Nobel Laureate),
- Yonath Ada, Weizmann Institute of Science, Israel (Nobel Laureate),
- Bertini Ivano, CERM Florence, Italy,



FACS

## Announcement of the EuAsC<sub>2</sub>S-12

- Kalodimos Babis, Rutgers University, USA,
- Kitagawa Susumu, Kyoto University, Japan,
- Nikolaou Kyriakos, University of California in San Diego & The Scripps Research, USA,
- Rode Michael, University of Innsburgh, Austria,
- Sadler Peter University of Warwick, UK

### Organization

The University of Ioannina, Epirus, Greece, has undertaken the organization of the Eurasia-12 Conference on Chemical Sciences, in the period 16-21 of April, 2012. This is the 12th such conference organized so far. The conferences will cover all branches of modern chemistry and many participants are expected. All previous conferences in this series were organized in Asiatic countries, with Greece to be the first European country to host the Eurasia12 conference on chemical sciences. Chairman of Eurasia-12 is the Emeritus Professor of Chemistry Nick Hadjiliadis. The location of the conference is the island of Corfu, in the northwest of Greece, easily accessible by ferry boat from Italy. The conference is expected to last 6 days and will take place during the period 16 to 21 of April, 2012.

### Program

EuAsC<sub>2</sub>S-12 will focus on chemical research, development and education that cover the frontier areas of:

- Bioinorganic Chemistry

- Clinical Biochemistry and Molecular Diagnostics
- Pharmaceutical Chemistry and Drugs Design
- Environmental and Green Chemistry
- Physical Chemistry and Spectroscopy
- Theoretical and Computational Chemistry
- Organometallic Chemistry and Catalysis
- Coordination Chemistry and Inorganic Polymers
- Analytical and Solution Chemistry
- Organic Synthesis and Natural Products
- Food Chemistry
- Supramolecular Chemistry and Nanomaterials
- Polymer Science
- Chemical Education

### Invitation

On behalf of the organizing committee, we would like to invite you to participate in the EURASIA-12 Conference. In case you intend to participate please login at <http://eurasia12.uoi.gr/> and complete the pre-registration form which is the first circular of the conference. Please send the form to [eurasia12@conf.uoi.gr](mailto:eurasia12@conf.uoi.gr).

### Important Dates & Registration fees

Details about dead lines, important dates and registration fees are given in the conference's website <http://eurasia12.uoi.gr/>

## 1. Bangladesh Chemical Society

1. Number of Members (annual fee paid numbers) 3600  
 2. Annual Budget (in USD) 45,000

### 3. List of Periodic publications

Journal of Bangladesh Chemical Society (half-yearly)  
 Rashayan (Popular Journal of Chemistry in Bengali, half-yearly)  
 News Bulletin (half-yearly)



**Prof. Jasim Uddin  
Ahmad**

Prof. Jasim Uddin Ahmad has been elected President of the Bangladesh Chemical Society for the term 2011-12. He was the Vice-chancellor (2001-04) and is the current Chairman of the Department of Chemistry, Jahangirnagar University, Bangladesh.

Prof. Ahmad obtained his Ph.D. from Cairo University, Egypt in 1981, and B.Sc. & M.Sc. degrees from Dhaka University, Bangladesh in 1968 and '69 respectively. He was the Principal Research Fellow (Honorary) at the European Research and Teaching Centre on Environmental Education at Bradford University, UK.

Prof. Ahmad is the life member of the Federation of Asian Chemical Societies and Bangladesh Chemical Society. He is a former Honorary Director General of the Institute of Chemists and Chemical Technologists, Bangladesh and General Secretary of Bangladesh Chemical Society. He was the Chairman of the Organizing Committee of Bangladesh Chemical Congress 2010 which was held at Jahangirnagar University. He is the Chief Editor of the Journal of Bangladesh Chemical Society and member of the editorial boards and reviewers of different national and international journals.

Prof. Ahmad also held different important academic and administrative positions at Jahangirnagar University and at National level. He was the Dean of the Faculty of Mathematical and Physical Sciences (1988-90), Provost, Mir Mosharraf Hossain Hall, and Director of the Teachers students Centre and Coordinator of the Centre of Environmental Studies at Jahangirnagar University. He was the President of the Jahangirnagar University Teachers Association and President of the Federation of the Bangladesh University Teachers Association.

Prof. Ahmad is a reputed academician and researcher. His research interests are in the areas of environmental and coordination chemistry. He has 65 research papers published in various national and international journals. He has also presented more than 70 papers in international and national seminars/conferences and workshops. He is an internationally renowned environmental scientist and was a member of "RAINS ASIA", an international acid rain research group. He has supervised many Ph.D., M. Phil, and M.S. theses.

Prof. Jasim Uddin Ahmad also held various important assignments out side the University. He was the Chairman and Treasurer of the Association of Universities of Bangladesh, Council Member of the Association of Commonwealth Universities, Member of the Higher Education Reform Committee and Member of the Board of Governors, BPTAC. He was also the Chairman of the Research Board of BPTAC. He is the President of Bangladesh International Farakka Committee, a water righteous and environment organization.

Prof. Ahmad is the author and Editor of more than 30 books. He is a regular contributor in national dailies, weeklies and popular magazines and has already published more than 270 popular articles. Prof. Jasim Uddin Ahmad was awarded the Bangladesh National Award, Ekushey Gold Medal for his valuable contribution in the field of Education in 2006.

### 5. Planned Conferences and Special Events

Honoring 10 Women Chemists of Bangladesh  
 (part of IYC2011 activities) 18 June 2011

### 6. Number of Permanent Staff

Full- time 1 & Part-time 2

### 7. URL

[www.chemhome-bcs.org](http://www.chemhome-bcs.org)

### 8. Address and Permanent Contact Point

10/11, Eastern Plaza  
 Sonargaon Road, Hatirpool  
 Dhaka – 1205, Bangladesh

Launching Ceremony of IYC 2011 14 February 2011

Telephone: 8802-8614683

4<sup>th</sup> Bangladesh Chemistry Olympiad 10 June 2011

E-mail: Jahmad1947@yahoo.com

## 2. Brunei Darussalam Institute of Chemistry

1) Number of Members (annual fee paid numbers)	35
2) Annual Budget (in USD)	USD 1,000
3) List of Periodic publications	None
4) 2011 President Profile	



**Dr. Hj Ibrahim Hj Abd Rahman**

BSc Program  
(Chemistry major)  
Faculty of Science  
Universiti Brunei  
Darussalam  
Brunei Darussalam,  
BE1410  
Phone: +673 2463001  
ext 1344  
E-mail:  
ibrahim.rahman@ubd.e  
du.bn  
ibrahimabdrahman@g  
mail.com

1979 B.Sc. in Biochemistry, University of Lancaster, UK  
1982 M.Sc. in Steroid Endocrinology, University of Leeds, UK  
1990 Ph.D. in Food Chemistry, University of Reading, UK: Influence of Processing on Coconut Oil.  
1996 M.Phil in Environmental Chemistry, University of Murdoch, Western Australia, Australia  
1990-1999 Lecture: Dept. of Chemistry at Universiti Brunei Darussalam, Brunei Darussalam  
1999-Present Senior Lecture, Dept. of Chemistry at Universiti Brunei Darussalam, Brunei Darussalam  
1999-2005 Head, Department of Chemistry, Universiti Brunei Darussalam  
2005-2008 Deputy Dean, Faculty of Science, Universiti Brunei Darussalam

**Research Fields:**

Food chemistry, Analytical, and Environmental chemistry, Chemical analysis of nigella sativa, Chemical analysis of kembayau oil (Canarium odontophyllum), Mineral content of Zam zam water, Determination of ethanol in food using HPLC & GC

**5) Planned Local and international Conferences in 2010 - 2011**

None

**6) Number of Permanent Staff**

None

**7) URL**

under construction

**8) Address and Permanent Contact Point**

Dr. Hj Ibrahim Hj Abd Rahman  
Department of Chemistry  
Faculty of Science  
Universiti Brunei Darussalam  
Brunei Darussalam, BE1410  
ibrahim.rahman@ubd.edu.bn  
ibrahimabdrahman@gmail.com

### 3. The Chinese Chemical Society

- 1) Number of Members (annual fee paid numbers) 50,000  
 2) Annual Budget (in usd) USD 400,000  
 3) List of Periodic publications

Huaxue Xuebao (Acta Chimica Sinica) (Chinese Edition, Monthly)  
 Huaxue Tongbao (Chemistry) (Chinese Edition, Monthly)  
 Gaofenzi Xuebao (Acta Polymerica Sinica) (Chinese Edition, Bimonthly)  
 Chinese Journal of Polymer Science (English Edition, Bimonthly)  
 Gaofenzi Tongbao (Polymer Bulletin) (Chinese Edition, Bimonthly)  
 Wuli Huaxue (Acta Physico-Chimica Sinica) Bi-language (Chinese and English, Monthly)  
 Daxue Huaxue (University Chemistry) (Chinese Edition, Bimonthly)  
 Huaxue Jiaoyu (Journal of Chemical Education) (Chinese Edition, Monthly)  
 SEPU (Chinese Journal of Chromatography) (Chinese Edition, Bimonthly)  
 Fenxi Huaxue (Analytical Chemistry) (Chinese Edition, Monthly)  
 Yingyong Huaxue (Chinese Journal of Applied Chemistry) (Chinese Edition, Bimonthly)  
 Journal of Molecular Sciences- Bi-language (Chinese and English, Quarterly)  
 Youji Huaxue (Organic Chemistry) (Chinese Edition, Bimonthly)  
 Chinese Journal of Chemistry (English Edition, Bimonthly)  
 Chinese Chemical Letters (English Edition, Monthly)  
 Wuli Huaxue (Journal of Inorganic Chemistry)-Bi-language (Chinese and English, Bimonthly)  
 Electrochemistry-Bi-language (Chinese and English, Quarterly)  
 Ranliao Huaxue (Journal of Fuel Chemistry and Technology) (Chinese Edition, Bimonthly)  
 Cuihuaxuebao (Chinese Journal of Catalysis)-Bi-language (Chinese and English, Bimonthly)  
 Huaxue Tongxun (Chemical Newsletter) (Chinese Edition, Bimonthly)

#### 4) 2011 President Profile



**Prof. Jiannian Yao**

Jiannian Yao is Vice-president of the National Natural Science Foundation of China (NSFC). He graduated from the Department of Chemistry, Fujian Normal University in 1982 and received his MS and Ph.D. degrees from the University of Tokyo, respectively. He worked at Tokyo, Japan for two years after graduation.

His research expertise include preparation of organic and inorganic nanostructures, photonic and electronic properties of organic nanomaterials, and inorganic optofunctional materials with photochromic and photocatalytic properties. He recognized the exciton confinement effect of charge-transfer and size-dependent spectral properties of organic nanostructures, and made progress in optical properties of organic nanomaterials.

Prof. Yao was awarded "Second-class prize from the National Awards for Natural Science" in China as the first contributor in 2004.

Because of his meritorious service, He was elected a member of Chinese Academy of Sciences (CAS) in 2005, fellow of Royal Society of Chemistry in 2008, and fellow of the International Society for Nanomanufacturing in 2010. Prof. Yao now serves as a member of Academic Committee, Beijing National Laboratory for Molecular Science, Deputy Director of Academic Committee, Institute of Chemistry, CAS, Director of Academic Committee, State Key Laboratory for Structural Chemistry of Unstable and Stable Species, and Director of Academic Committee, State Key Laboratory of Structural Chemistry.



In his social activities, he is president of Chinese Chemical Society.

### 5) Planned Local and international Conferences in 2010 – 2011

- 1) The 2<sup>nd</sup> FAPS Polymer Congress
- 2) The 3<sup>rd</sup> Chemical Sciences in Society Symposium (CS3) –Chemistry for better health
- 3) The 8th International Symposium on Persistent Toxic Substances
- 4) The 13<sup>th</sup> National Youth Conference on Catalysis
- 5) The 5<sup>th</sup> national conference of chemical propellant
- 6) The 4<sup>th</sup> National Conference on Polyoxometalates Chemistry
- 7) The Academic Symposium on the Inorganic Chemistry and Chemical Industry of Central and Western China, 2011
- 8) The 3rd National Conference on Chemical Problems in the Field of Public Security
- 9) 2011 National Conference on Environmental Chemistry
- 10) 16<sup>th</sup> National Electrochemical Academic Meeting

- 11) The 8<sup>th</sup> National Conference on Inorganic Chemistry
- 12) 6<sup>rd</sup> Annual Conference on the Experience of Implementing New Chemistry Curriculum at High School in Part of China
- 13) China POPs Forum 2011 (The Sixth National Symposium on Persistent Organic Pollutants)
- 14) 9<sup>th</sup> Symposium on Micro scale Chemistry Experiments and 7<sup>th</sup> Symposium on Micro scale Experiments of Middle School
- 15) 2011 National Conference on Polymer

### 6) Number of Permanent Staff

30

### 7) URL

[www.ccs.ac.cn](http://www.ccs.ac.cn)

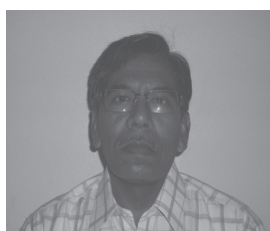
### 8) Address and Permanent Contact Point

No. 2, 1th North Street, Zhongguancun, Haidian  
Beijing, China 100190  
Phone & Fax: +8610-62568157  
E-mail: [zcc@iccas.ac.cn](mailto:zcc@iccas.ac.cn)

## 4. Chemical Society of the South Pacific (Fiji)

1) Number of Members (annual fee paid numbers)	80
2) Annual Budget (in USD)	USD 10,000 (approx)
3) List of Periodic publications	CSSP News Letters Chemistry Serves the South Pacific Major Environmental Issues in Pacific Form 7 Chemistry Study Guide Form 7 Biology Study Guide

### 4) 2011 President Profile



#### Prof. Surendra

#### Prasad

Associate Professor of Chemistry  
School of Biological and Chemical Sciences  
Faculty of Science, Technology and Environment  
The University of the South Pacific (USP)  
Suva, FIJI  
Phone/Fax no: +(679) 3232416 / +(679) 3231512  
E. mail:  
prasad\_su@usp.ac.fj;  
spd\_india@yahoo.com

Dr. Prasad is B.Sc. (Chemistry Honours) and M. Sc. (Inorganic Chemistry) from the University of Bihar, Muzaffarpur, India. He obtained his PhD. (Inorganic Reaction Kinetics and Analytical Chemistry) from world famous Indian Institute of Technology, Kanpur, India. He also qualified GATE equivalent to NET (National Educational Test) conducted by UGC-CSIR, Government of India.

He has 26 years of teaching experience to undergraduate and postgraduate students in India and Fiji. Presently, he is working as Associate Professor of Chemistry at the University of the South Pacific (USP), Suva, Fiji, since March 01, 2000. In past he as worked as Reader (Associate Professor) of Chemistry at Institute of Engineering & Technology (I.E.T.), C.S.J.M. University., Kanpur, India. He had also been teaching faculty in Chemistry at Delhi Institute of Technology (D.I.T.) [University of Delhi] Delhi, India. He has around 20 years of administrative experience along with teaching in various capacities. Also he has 27 years id research experience along with teaching.

He has over 55 published papers in International Journals and authored/edited 09 books/course books or book chapters. He has supervised M.Sc. and Ph.D. students. He has worked twenty one Sponsored Projects or on ongoing. Dr. Prasad is the Scientific Article's Reviewer of 37 International Journals.

#### Scholastic Achievements and Awards:

1. Dr. Prasad is Editorial Board member of 8 International Journals.
2. In April 2010, Dr. Prasad was awarded Vice Chancellor's Prize for the Best Research Publication in April 2010; The University of the South Pacific, Suva, Fiji.
3. Dr. Prasad worked as Research Associate at the Department of Chemistry and Biochemistry, Texas Tech University, Lubback, Texas, USA.
4. Dr. Prasad was awarded Biotechnology National Associateship (1996) of the Dept. of Biotechnology, Government of India to work at CBT (CSIR), Mall Road, Delhi.
5. Dr. Prasad was awarded SERC (Science and Engineering Research Council) Visiting Fellowship (1995) of Dept. of Science and Technology, Government of India to work at I.I.T. Kanpur.
6. Dr. Prasad was awarded Research Fellowship of I.I.T. Kanpur, India. He was also awarded Junior Research Fellow of the Department of Environment and Forests, Government of India.
7. Dr. Prasad is Life Member/Fellow of the seven profession societies.

#### 5) Planned Local and international Conferences in 2011 - 2012

The CSSP is organising International Conference on Chemistry, Environment and Climate Change (ICCECC), 14-16 September 2011 with theme "Chemistry: Our life, our future" at the USP. Also planned are Regional Titration Competition, Chem Quiz, Global Chemistry Experiment, National Chem Knowledge Battle, National Poster Competition.

#### 6) Number of Permanent Staff: None

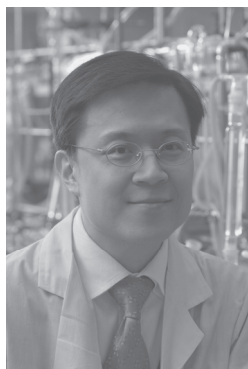
#### 7) URL: <http://www.chemistry.fste.usp.ac.fj/>

#### 8) Address and Permanent Contact Point

Prof. Surendra Prasad  
President, Chemical Society of the South Pacific  
School of Biological and Chemical Sciences  
Faculty of Science, Technology and Environment  
The University of the South Pacific  
Private Mail Bag, Suva, FIJI  
E.Mail: prasad\_su@usp.ac.fj  
Phone No. + 679-3232416  
Fax No. + 679 -3231512

## 5. Hong Kong Chemical Society

1) Number of Members (annual fee paid numbers)	~100
2) Annual Budget (in USD)	N/A
3) List of Periodic publications	None
4) 2011 President Profile	



**Prof. Raymond**  
**W.Y. Wong**

**Wai-Yeung Wong (Raymond)** was born in Hong Kong. He received his B.Sc.(Hons.) with a First Class Honours from The University of Hong Kong (HKU) in 1992. He went on to complete his Ph.D. at HKU in 1995 under Prof. Wing-Tak Wong's supervision. After his postdoctoral stay at Texas A&M University in 1996 under the direction of Prof. F. Albert Cotton, he worked as a Croucher Research Fellow in the groups of Profs. The Lord Lewis (FRS) and Paul R. Raithby at Cambridge University in 1997. He joined Hong Kong Baptist University as an Assistant Professor in 1998, raising through the academic ranks to Chair Professor in Chemistry in early 2011. He is currently a Honorary Professor in HKU and has been awarded the Croucher Senior Research Fellowship (2009) and Chemistry of the Transition Metals Award from the Royal Society of Chemistry (2010), in recognition of his distinctive research accomplishments. In 2010, he also won the First Class Prize in Natural Science Award from Ministry of Education and was named "Overseas Renowned Scholar" from Chinese Academy of Sciences in P.R. China.

Raymond is internationally renowned for his research in metallopolymers and metallo-organic molecules with energy functions and photofunctional properties. He has made profound contributions in the field of organometallic optoelectronics and photovoltaics. His research focuses on synthetic inorganic and organometallic chemistry and structural chemistry using X-ray crystallography, with special emphasis on developing novel molecular functional materials and polymers containing late transition metal elements, setting a common goal towards advancing energy-related technologies. These metallated materials have ample applications as sensors or eye protectors against intense laser beams, as converters for light/electricity signals and as patternable precursors to magnetic metal nanoparticles.

He has produced over 300 original and review papers and is serving on the international advisory/editorial boards of numerous scientific journals such as Dalton Transactions, Macromolecular Rapid Communications, Macromolecular Chemistry and Physics, Comments on Inorganic Chemistry, Journal of Organometallic Chemistry, Currents Organic Chemistry, Macromolecular Research, Journal of Inorganic & Organometallic Polymers & Materials, Polymer Bulletin and Journal of Cluster Science. He currently serves as the Editor (Organometallic Chemistry) for the Central European Journal of Chemistry. He has been on the advisory committees of several scientific conferences and invited to review grant proposals and fellowship applications for a number of funding agencies worldwide. He is also the Guest Professor for various major universities/research institutes in China. He is listed among the world's top 1% in the ISI list of most cited chemists. On the scientific community grounds, he is now the Chairman of Hong Kong Chemical Society, the co-Chair of the Steering Committee of IYC 2011 (Hong Kong) and the Secretary of the Royal Society of Chemistry (HK Section). He was awarded the designation of Chartered Chemist in 2000 and admitted as a Fellow of the Royal Society of Chemistry in 2005.

### 5) Planned Local and international Conferences in 2011 - 2012

We do not have any planned local or international conferences in 2009 but may cosponsor other local or international symposiums. We will hold the Chemistry Olympiad competitions for both tertiary and secondary school sectors each year locally and a series of celebration activities for IYC 2011 in Hong Kong.

### 6) Number of Permanent Staff

None

### 7) URL

<http://www.hkchemsoc.org>

### 8) Address and Permanent Contact Point

Department of Chemistry  
Hong Kong Baptist University  
Waterloo Road, Kowloon Tong  
Hong Kong SAR, China  
Phone: +852-3411-7074  
Fax: +852-3411-7348  
E-mail: [rwywong@hkbu.edu.hk](mailto:rwywong@hkbu.edu.hk)

## 6. Indian Chemical Society

- 1) Number of Members (annual fee paid numbers) About 2,500
- 2) Annual Budget (in usd)
- 3) List of Periodic publications The Journal of the Indian Chemical Society (monthly magazine)
- 4) 2011 President Profile

Elected Vice-Presidents:	Professor R.N. Prasad, Rajasthan Professor C.P. Bhasin, Gujarat Professor I.C. Shukla, Allahabad
Honorary Secretary:	Professor D.C. Mukherjee, Kolkata
Honorary Treasurer:	Professor A.K. Rakshit, Kolkata
Honorary Editors:	Professor C. R. Sinha, Kolkata Professor C.S. Mathela, Uttarakhand Professor P. K. Sharma, Rajasthan

**Professor M.C.  
Chattopadhyaya,  
Allahabad**

### 5) Planned Local and international Conferences in 2011 – 2012

- Acharya Prafulla Chandra Ray Memorial Symposium on Chemistry Today (2011) to be held on August 02 & 03, 2011 at Kolkata, India.
- 48<sup>th</sup> Annual Convention of Chemists (2011) and International Conference on Recent Research Trends in Chemical Sciences held on December 02 – 06, 2011 at the Department of Chemistry, University of Allahabad.

### 6) Number of Permanent Staff

11

### 7) URL

[www.indianchemsoc.org](http://www.indianchemsoc.org)

### 8) Address and Permanent Contact Point

92, Acharya Prafulla Chandra Road, Kolkata – 700 009, West Bengal, India  
Contact Person: Professor D.C. Mukherjee, Honorary Secretary, Indian Chemical Society

Phone No: 91-033- 2350 3478 & 23609497

E-mail: [indi3478@dataone.in](mailto:indi3478@dataone.in)

## 7. The Chemical Society of Japan

- 1) Number of Members (annual fee paid numbers) 31,000  
 2) Annual Budget (in USD) USD 10,000,000

### 3) List of Periodic publications

*Kagaku-to Kogyo* (Chemistry and Chemical Industry)  
 (Membership Journal: Japanese language, monthly)  
*Kagaku-to Kyoiku* (Chemistry and Education) (Japanese language, monthly)  
*Bulletin of the Chemical Society of Japan* (BCSJ) (English language, monthly)  
*Chemistry Letters* (English language, monthly)  
 Other Publications

### 4) 2011 President Profile



**Professor  
Yasuhiro Iwasawa**

Professor of Chemistry  
 Department of  
 Engineering Science  
 The University of  
 Electro-Communications  
 Chofu, Tokyo, Japan  
 Professor Emeritus,  
 The University of Tokyo

Yasuhiro Iwasawa received his BSc (1968), MSc (1970), and PhD (1973) from Department of Chemistry at The University of Tokyo. He moved to Yokohama National University in 1972 as Assistant Professor and became Associate Professor in 1981. He returned to Department of Chemistry, The University of Tokyo in 1984 as Associate Professor and became Professor in 1986. He was Dean of School of Science in the University of Tokyo. He was also Director of Center for Spectroscopic Chemistry at the School of Science.

He moved to the University of Electro-Communications (UEC) due to retirement at the University of Tokyo in 2009. He is now Director of Innovative Research Center for Fuel Cells at the UEC.

He was the former President of Catalysis Society of Japan and also the former President of the Surface Science Society of Japan. He has been appointed as President of the Chemical Society of Japan in 2010-2012. He has also been Chairman of Science and Technology Section of Science Council of Japan in 2008-2011.

His main research interests come under the general term "Catalytic Chemistry" and "Surface Chemistry", but more specifically, *In situ* characterization, Time-resolved XAFS, Fuel cells, Catalyst surface design, New catalytic materials, etc. His honors include Catalysis Society of Japan Award (1999), The Surface Science Society of Japan Award (2000), National Medal with Purple Ribbon from Emperor and Prime Minister (2003), The Chemical Society of Japan Award (2004), etc.

### 5) Planned Local and international Conferences in 2011 - 2012

- 1) 2012.3.25-28 (Hiyoshi, Japan)  
 (Hiyoshi/Yagami Campus, Keio Univ.)  
 The 92nd CSJ Annual Meeting
- 2) 2012.5.13-18 (Sendai, Japan)  
 IACIS Conference 2012 (International  
 Association of Colloid and Interface Scientists)  
<http://res.tagen.tohoku.ac.jp/~iacis/>

### 6) Number of Permanent Staff

33

### 7) URL

<http://www.csj.jp/index-e.html>

### 8) Address and Permanent Contact Point

The Chemical Society of Japan  
 1-5, Kanda-Surugadai, Chiyoda-ku  
 Tokyo 101- 8307, Japan  
 Phone: +81-3-3292-6161  
 Fax: +81-3-3292-6318  
 Email: [info@chemistry.or.jp](mailto:info@chemistry.or.jp)

## 8. Jordanian Chemical Society

- 1) Number of Members (annual fee paid numbers) 500  
 2) Annual Budget (in USD) USD 20,000  
 3) List of Periodic publications  
*Jordan Journal of Chemistry* (4 times a year in English, refereed and indexed)  
 4) 2011 President Profile
- 

### Sultan T. Abu-Orabi Al-Adwan

Tafila Technical University  
 President  
 P.O. Box 179, Tafila-Jordan  
 Phone: +962 3 2250521  
 Fax: +962 3 2250431  
 E-mail: abuorabi@excite.com

### EDUCATION

1973 University of Jordan, B.Sc. (Amman)  
 1977 Western Michigan University, M.Sc. (Kalamazoo, U.S.A.)  
 1982 University of Michigan, B.Sc. in Chemistry (Ann Arbor, U.S.A.)  
 M.Sc. in Organic Chemistry  
 Ph.D. in Organic Chemistry

### EXPERIENCE

- Managerial Posts
  - 1987 - 1989 Director of Student Activities, Yarmouk University, Jordan.
  - 1998 - 2001 Chairman of Chemistry Department (Yarmouk Univ.).
  - 2001 - 2002 Dean of Students Affairs (Yarmouk Univ.).
  - 2002 - 2005 President – Irbid National University.
  - 2005 - Present President – Tafila Technical University
- Teaching
  - 1982 – 1987 Assistant Professor, Yarmouk University, (Jordan)
  - 1987 – 1989 Associate Professor, Yarmouk University, (Jordan)
  - 1989 – 1990 Visiting Associate Professor, Bahrain University, (Bahrain)
  - 1990 – 1993 Associate Professor, King Fahd University of Petroleum and Minerals, Dhahran (Saudi Arabia)
  - 1993 - 1995 Associate Professor Yarmouk University, (Jordan)
  - 1996 - 1996 Professor, Yarmouk University, (Jordan)
  - 1996 – 1998 Professor, King Fahd University of Petroleum and Minerals, Dhahran (Saudi Arabia)
  - 1998 - 2002 Professor Yarmouk University (Jordan)

### 5) Planned Local and international Conferences in 2011 – 2012

1. 11<sup>th</sup> Jordanian Chemical Society Conference in conjunction with The Sixth Jordanian International Conference of Chemistry – Yarmouk University, 19-21 April – Jordan.
2. 12<sup>th</sup> Jordanian Chemical Society Conference will be hosted by one of Jordanian University in April -2012

### 6) Number of Permanent Staff

7 – Administrative Board Members

### 7) URL

[www.jorchem.org](http://www.jorchem.org)

### 8) Address and Permanent Contact Point

Jordanian Chemical Society  
 P.O.Box 13070, Amman 11942 , Jordan  
 Phone (Moblie): 00962777495804  
 Fax: will be submitted shortly  
 E-mail: [info@jorchem.org](mailto:info@jorchem.org)

## 9. The Korean Chemical Society

- 1) Number of Members (annual fee paid numbers) 6,500  
 2) Annual Budget (in usd) USD 1,600,000  
 3) List of Periodic publications

Bulletin of the Korean Chemical Society (monthly journal : SCI)  
 The Journal of the Korean Chemical Society (bimonthly journal)  
 Chemical Education (quarterly magazine)  
 ChemWorld (monthly magazine)  
 Chemistry in Australia (monthly magazine)

### 4) 2011 President Profile



**Prof. Nakjoong Kim**

Department of Chemistry  
 College of Natural  
 Sciences  
 Hanyang University  
 Seoul 133-791, Korea  
 Phone: +82-2-2220-0935  
 Fax: +82-2-2295-0572  
 E-mail: kimnj@hanyang.  
 ac.kr

#### EDUCATION

1973 B.S. in Chemistry, Seoul National University, Seoul, Korea  
 1978 M.S. in Chemistry, Seoul National University, Seoul, Korea  
 1983 Ph.D. in Chemistry, University of Texas at Austin, Texas, U.S.A.

#### PROFESSIONAL CARRIER

1983 - 2000 Principal Research Scientist at KIST(Korea)  
 2000 - present Professor of Hanyang University (Korea)  
 2004 - 2005 Chairman of Polymer Chemistry Division, Korean Chemical Society  
 2004 - 2005 Chairman of Academic Affairs, Polymer Society of Korea  
 2006 - 2006 Vice-President of the Korean Chemical Society  
 2007 - 2007 Vice-President of the Polymer Society of Korea  
 2009 - 2010 President of the Korean Image Society  
 2011 - present President of the Korean Chemical Society

#### AWARDS

1996 Commendation from the Prime Minister of Korea

### 5) Planned Local and international Conferences in 2011 – 2012

- Biannual (Spring and Autumn) KCS National Meeting (2011, April/September, Jeju/Daejeon, Korea) (2012, April/September, Korea)
- IYC 2011 CHEM EXPO (2011.9.28-30 / Daejeon, Korea)
- The 5<sup>th</sup> International Conference on Surface Plasmon Photonics (2011.5.15-20 / Busan, Korea / <http://www.spp5.org>)
- The 18<sup>th</sup> International Conference on Composite Materials (2011.8.21-26 / Jeju, Korea / <http://www.iccm18.org>)
- The 4<sup>th</sup> Network of Inter-Asian Chemistry Educators (2011.7.28-30 / Seoul, Korea)
- The 7<sup>th</sup> International Conference on Porphyrins and Phthalocyanines (2012.7.1-6 / Jeju, Korea)

- The 10<sup>th</sup> International Congress on Plant Molecular Biology (2012.10.21-26 / Jeju, Korea)

### 6) Number of Permanent Staff :

7

### 7) URL [www.kcsnet.or.kr](http://www.kcsnet.or.kr)

### 8) Address and Permanent Contact Point

34-1, 5-ga, Anam-dong, Seongbuk-gu  
 Seoul 136-075, Korea  
 Phone: +82-2-953-2095  
 Fax: +82-2-953-2093  
 E-mail: [kcschem@kcsnet.or.kr](mailto:kcschem@kcsnet.or.kr)

## 10. Institut Kimia Malaysia (IKM)

- 1) Number of Members (annual fee paid numbers) 2,846
- 2) Annual Budget (in USD) USD 300,000
- 3) List of Periodic publications
- Berita IKM – Chemistry in Malaysia* (a quarterly Publication)
  - Kimia Kini* (a semi-annual chemistry education publication)
  - Malaysia Journal of Chemistry* (an e-publication of IKM)
  - Directory of Laboratory Services and Consultancy* (an annual publication)

### 4) 2011 President Profile



**Datuk Dr Soon  
Ting-Kueh**

**Datuk Dr Soon Ting-Kueh** is the President of Institut Kimia Malaysia (IKM) since 2007 and also Immediate Past President of the Federation of Asian Chemical Societies (FACS). He is also a member of the Management Committee of the IUPAC International Year of Chemistry (IYC) 2011.

#### Education, Academic Career and Research

Dr Soon graduated from University of Malaya with B. Sc. Hons (Chemistry) in 1972 and obtained his Ph. D. majoring in physical organic chemistry from the same university in 1975. He then joined the Tunku Abdul Rahman College as a Senior Lecturer and has since been serving the College in various capacities. His areas of research and work include physical organic chemistry, atmospheric chemistry, oils and fats chemistry and technology, oleochemicals and biofuels. Dr Soon has presented lectures on palm oil, oleochemicals and biofuels at many international conferences and meetings including the ICIS-LOR Second World Oleochemicals Conference in Amsterdam in 2000, the Lipidex Europe at Rotterdam in 2001 and the Asian Chemistry Symposium in Tokyo in 2006.

#### Fellowship of Academic Societies

For his dedicated and distinguished service in the academia, Dr Soon received many academic and professional recognitions among which are the following:

- ❖ Fellow, Malaysian Institute of Chemistry (FMIC, 1993)
- ❖ Fellow, Malaysian Oil Scientists' and Technologists' Association (FMOSTA, 1996)
- ❖ Fellow, Malaysian Scientific Association (FMSA, 1997)
- ❖ Fellow, Academy of Sciences Malaysia (F A Sc, 2006)
- ❖ Fellow, Federation of Asian Chemical Societies (FFACS, 2009)
- ❖ Fellow, Royal Society of Chemistry (FRSC, 2010)

#### Involvement in IKM, FACS and IUPAC

Datuk Dr Soon Ting-Kueh has also been very active in promoting the advancement of chemistry in Malaysia and Asia. He serves in the IKM Council since 1988 and has held many positions in IKM Council, including Chairman of Chemical Education Section since 1988 and Vice President from 2001-07. He is also very active in the Federation of Asian Chemical Societies (FACS), being its President from 2007-09, and also in the International Union of Pure and Applied Chemistry (IUPAC) where he is a Titular Member of CHEMRAWN Committee and National Representative in Committee on Chemistry Education (CCE) and in Division VI on Chemistry and the Environment.

#### Publications

Datuk Dr Soon has over 80 publications in books, journals, proceedings, magazines and other publications on topics related to physical organic chemistry, chemical education and public understanding of chemistry, environmental chemistry and education, food applications of palm oil and its derivatives, oleochemicals and biofuels.

#### 5) Planned Local and international Conferences in 2011

- \* 19<sup>th</sup> IUPAC International Conference on Chemical Research Applied to World Needs (CHEMRAWN XIX) 2011
- \* 13<sup>th</sup> International Symposium on Advances in Extraction Technologies (ExTech) 2011
- \* International Symposium on Women in Science and Engineering (WISE) 2011
- \* LabAsia 2011

6) Number of Permanent Staff: 5

7) URL: [www.ikm.org.my](http://www.ikm.org.my)

#### 8) Address and Permanent Contact Point

INSTITUT KIMIA MALAYSIA  
127B, Jalan Aminuddin Baki  
Taman Tun Dr. Ismail  
60000 Kuala Lumpur, Malaysia  
Phone: +603 - 7728 3272, Fax: +603 - 7728 9909  
E-mail: [ikmmy@tm.net.my](mailto:ikmmy@tm.net.my)



## 11. The Mongolian Chemical Society

- 1) Number of Members (annual fee paid numbers) 250  
 2) Annual Budget (in USD) USD 2,000  
 3) List of Periodic publications *Bulletin of the Mongolian Chemical Society* (ones a year)

### 4) 2011 President Profile



**Prof. B. Purevsuren**

Professor B. Purevsuren was born 1953 in the Bayankhongor province of Mongolia. He had graduated B.S. (1979) and doctor ( Ph.D) degree (1987) in Polymer Chemistry in the University of Chemical Technology and Metallurgy, Sofia, Bulgaria. Since 1979 he is working as a research fellow in the Institute of Chemistry and Chemical Technology (ICCT), Mongolian Academy of Sciences (MAS). He had worked as a Director of the ICCT, MAS in the period 2001-2010. Since 1992 he is teaching in the University of Ulaanbaatar and a professor from 2001. He received his doctor of sciences (Sc.D) degree in chemistry 2000 in MAS. Professor B. Purevsuren have worked as a Postdoctoral Research Fellow in the Polytechnic of Milan (1990) and University of Roma "La Sapienza" (1996), Italy. He also has worked as a Visiting Professor in the Max Planck Institute for Coal Research, Mulheim, Germany (2000) and in the Department of Chemical Engineering, Imperial College, London (2002 and 2006); in the National Tsing-Hua University (2003). In 2005 he was elected as a President of Mongolian Chemical Society, in 2008 as a member of Asia-Pacific Academy of Materials and in 2001 as a Member of the Subassembly of Physics-Mathematics-Chemistry of Mongolian Academy of Sciences. Professor B. Purevsuren have worked in the research field of synthesis and characterization of new thermostable epoxide resins and polypentadiene with monocrystalline structure. At present time he is working in the field of thermochemical processing of coals and oil shale and characterization of obtained solid, liquid and gas products.

### 5) Planned Local and international Conferences in 2011 - 2012

- Organization of local conferences on chemistry and chemical technology
- Supporting and contribution of knowledge of chemistry and chemical technology in Mongolia
- Supporting chemistry olympiad for pupils and students in Mongolia
- Supporting of environmental problems of chemistry and chemical technology in Mongolia

### 6) Number of Permanent Staff

1

### 7) URL

under construction

### 8) Address and Permanent Contact Point

Institute of Chemistry and Chemical Technology  
 Mongolian Academy of Sciences  
 Bayanzurkh district, Ulaanbaatar-51, Mongolia  
 Phone: +976-11-456882  
 Fax: +976-11-453133  
 E-mail: society.mnchem@yahoo.com  
 purevsuren@icct.mas.ac.mn  
 purevsuren\_b@yahoo.com

## 12. New Zealand Institute of Chemistry Inc.

- |  |   |
|--|---|
| 1) Number of Members (annual fee paid numbers) | 780   |
| 2) Annual Budget (in USD)                      | USD 85,000  |
| 3) List of Periodic publications               | <i>Chemistry in NZ</i> (four issues)<br><i>ChemEd NZ</i> (four issues per year) |

### 4) 2011 President Profile



Assoc. Prof.

Gordon Rewcastle

Gordon Rewcastle obtained his PhD in Organic Chemistry from the University of Auckland in 1978, and after post-doctoral work in the U.S., joined the Auckland Cancer Society Research Centre (ACSRC) as a medicinal chemist in 1980. Since then has participated in a number of anticancer and antibacterial drug development projects, and is the author or co-author of over 100 scientific papers and patents in the anticancer area. In all, he has made significant contributions to the development of six of the eight anticancer drugs to have gone to clinical trial from the Auckland Cancer Centre. His initial work concentrated on DNA intercalating anti-cancer agents, and for his contributions to this area he was awarded the NZIC/Royal Society of Chemistry Easterfield Medal in 1989. The 1990's saw a change in direction, with the design and synthesis of tyrosine kinase inhibitors becoming the main area of activity. This work was performed in close collaboration with the Parke-Davis Division of the Warner-Lambert Company, and culminated in the development of the Epidermal Growth Factor Receptor (EGFR) irreversible inhibitor canertinib (CI-1033) which entered clinical trial with Pfizer in 1999. Gordon made several important contributions to the design of this drug, including performing the first chemical synthesis of it in 1997. In 1998 the ACSRC became part of the University of Auckland, and Gordon was promoted to Associate Professor the following year. From 1999 to 2004 he was the Group Leader of a number of Pfizer funded projects in both the anticancer and antibacterial drug development areas, and in 2005 he became an Associate Investigator with the Maurice Wilkins Centre for Molecular Biodiscovery, where he has been involved in an investigation of isoform-selective phosphoinositide 3-kinase (PI3K) inhibitors as potential anticancer agents. This work recently culminated in the successful development of the PI3K inhibitor PWT33597, which has now completed preclinical development with Pathway Therapeutics ([www.pathwaytx.com](http://www.pathwaytx.com)) in the US. An Investigational New Drug (IND) application for PWT33597 was filed with the US FDA in March 2011, with human clinical trials are expected to start later in 2011.

### 5) Planned Local and international Conferences in 2011 - 2012

NZIC Conference, Hamilton New Zealand  
27 November – 1 December 2011  
ChemEd11 Palmerston North  
17 – 20 July 2011

### 6) Number of Permanent Staff

1

### 7) URL

[www.nzic.org.nz](http://www.nzic.org.nz)

### 8) Address and Permanent Contact Point

P.O.Box 39-112  
Harewood, Christchurch 8545  
New Zealand  
Phone: +64-3-359 7275  
Fax: +64-3-359 7248  
E-mail: [NZIC.Office@nzic.org.nz](mailto:NZIC.Office@nzic.org.nz)

### 13. The Institute of Chemists PNG (Papua New Guinea)

1) Number of Members (annual fee paid numbers)	100
2) Annual Budget (in USD)	USD 3,000
3) List of Periodic publications	Journal of ICPNG (annual)
4) 2011 President Profile	



**Dr. Basil Shelton Marasinghe**

F8, Staff Quarters  
University of PNG  
National Capital  
District  
Papua New Guinea

Phone: +675 326 7223  
Fax: +675 326 0369  
basilmar8@gmail.com  
Mobile: 675 7672 0337

#### EDUCATION

1974 BSc (Chem. Eng), Jadavpur University, India  
1980 MSc, University of Bradford (U.K)  
2000 PhD, University of New South Wales, Australia (PhD thesis in the field of Industrial Chemistry)

#### EXPERIENCE

1978-1980 Demonstrator, University of Bradford  
1980-1985 Lecturer (1980-1985), Senior Lecturer (1985-1990), Head of the Department, University of Moratuwa (SL)  
1996-1998 Chemist, Water Test Systems (Australia)  
2000-2003 Chemist, NALCO (Australia)  
2004-present Senior Lecturer, University of PNG (Papua New Guinea)  
2011 Head/Division of Chemistry, University of PNG, Papua New Guinea  
  
2007-present Member Chemical Standards Committee, National Institute of Standards  
2006-present Chief Examiner Grade 12 Chemistry, PNG  
2008-present President, Science & Technology Society, PNG  
Editor - Journal of Science & Technology, PNG  
Chief Editor – Science in New Guinea Journal  
Editor-in-Chief, Journal of JICPNG

#### 5) Planned Local and international Conferences in 2011 - 2012

IYC Conference 2011, UPNG Science Conference  
2011

#### 6) Number of Permanent Staff

None

#### 7) URL

[www.icpng.org.pg](http://www.icpng.org.pg)

#### 8) Address and Permanent Contact Point

P.O. Box 140,  
University of PNG  
NCD, Papua New Guinea  
Phone: +675 326 7223  
Fax: +675 326 0369  
E-mail: [basilmar8@gmail.com](mailto:basilmar8@gmail.com)

## 14. Singapore National Institute of Chemistry

1) Number of Members (annual fee paid numbers)	398
2) Annual Budget (in usd)	
3) List of Periodic publications	<i>Journal of the Chinese Chemical Society</i> / bimonthly in English <i>Chemistry</i> / quarterly in Chinese

### 4) 2010 President Profile



Prof. T.S. Andy Hor

Executive Director  
Institute of Materials  
Research and  
Engineering, A\*STAR  
Email:  
andyhor@imre.a-star.edu.sg

**ACADEMIC & PROFESSIONAL QUALIFICATIONS:** D.Sc., U of London (1999); D.Phil., U of Oxford, (1983); B.Sc.(Hon), Imperial College (1979); Postdoctoral Associate, Yale U (1983-4). (Joined National University of Singapore (NUS) as Lecturer in 1984). Fellow, Singapore National Institute of Chemistry (1996); Fellow, Royal Society of Chemistry (FRSC), Chartered Chemist (CChem) (Cambridge, U.K.) (1993); Associate of Royal College of Science (ARSC) (1979).

#### LEADERSHIP & SERVICES

**University:** (Full) Professor of Chemistry, NUS (2000-present); Head of Department of Chemistry, NUS (1999-2003; 2005-9); Vice-Dean of Faculty of Science, NUS (1997-9); Fellow, Teaching Academy, NUS (2009-2012); Member, Senior Advisory Committee on Graduate Education (SAGE), NUS Graduate School (2009-2012); Member & Secretariat in Faculty of Science, the Core Curriculum (1997-9); Member, Special Program in Science (1995-8); Chair, Talent Development Program in Science (1998-9); Member, University Teaching Excellence Committee (2004-5); Director, Instructional & Development Unit, Faculty of Science (1995-7).

**Singapore:** Executive Director, Institute of Materials Science & Research, A\*STAR (2010-present); President, Singapore National Institute of Chemistry (SNIC) (2003-present); ECR (Early-Career Researchers) Advisor, A\*Star (2011-present); Board Member, Singapore Science Centre (Ministry of Education) (2001-5); Founding & Current Chairman, Singapore National Academy of Science & A\*Star Young Scientist Award (1997-2011); Member, Biomedical Sciences Manpower Advisory Board, Economic Development Board (2001-3); Chair, Advisory Committee on Hazardous Substances and Toxic Wastes (National Environment Agency) (2001-present); Science Advisory Member, Victoria Junior College & Nanyang Girls High School, Singapore; Advisor, World Scientific Publication.

**Global:** President-Elect, Federation of Asian Chemical Societies (FACS) (2013-2015); Associate Editor (Commissioning), *Australian Journal of Chemistry* (CSIRO) (2008-present); Member, International Advisory Board, *Dalton Transaction* (RSC) (2010-present), *Inorganica Chimica Acta* (Elsevier) (2003-present), *Chemistry: An Asian Journal*, VCH/Wiley (2006-present) & *Organometallics* (ACS) (2001-3); Member,

International Advisory Board of International Symposium of Inorganic Chemistry for Chinese Scientists, (1998-present), 6<sup>th</sup> Tokyo Conference on Advanced Catalytic Science and

Technology (TOCAT6) and 5<sup>th</sup> Asia Pacific Congress on Catalysis (APCAT5) (July 18-23, 2010, Sapporo, Japan), and, 42<sup>nd</sup> IUPAC Congress (2-7 Aug 2009, Glasgow, Scotland); Chair, International Symposia for Chinese Inorganic & Organic Chemists (ISCIC-6 & ISOC-9) 2006; Chair, 1<sup>st</sup> International Conference on Green & Sustainable Chemistry, Singapore, 3-5 Aug 2009; Chair, 1<sup>st</sup> International Conference on Molecular & Functional Catalysis, Singapore, 10-15 July 2010; Chair, 1<sup>st</sup> Molecular Materials Meeting @ Singapore, 10-11 Jan 2011; Chair, 15<sup>th</sup> Asian Chemical Congress, July 2013; Chair, 41<sup>st</sup> International Conference on Coordination Chemistry, 21-25 July 2014, Singapore.

**PROFESSORSHIP & FELLOWSHIP:** Visiting Professor, University of Strasbourg, France (2009); Visiting Professor, Noyori Laboratory of Materials Science & Research Center for Materials Science, Nagoya University, Japan (2008); JSPS Fellow, Osaka City U, Japan (2008); Jackson Memorial Visiting Fellowship, U of Griffith, Australia (2007), Visiting Professor, U of Melbourne, Australia (also Wilmour Fellow) (2004), U Louis Pasteur, France (2009 & 2003), U Münster, Germany (2003); Visiting Scientist, U of California, Santa



FACS

## 2011 Profiles of the FACS Member Societies

Barbara, USA (2003), Fred Hutchinson Cancer Research Center, USA (2003); Inorganic Foundation Visiting Professor, U of Sydney, Australia (2003); Frances Lion Memorial Lecturer, U of Sydney (2003); Guest Professor, Sun Yat-Sen U, Guangzhou, China 2 (2003-5); Anthony Mason Fellow, U of New South Wales, Australia (1999); France Academic Exchange Programme, U of Paris & Strasbourg, France (1996); Commonwealth Academic Staff Fellow, U of Liverpool, U.K. (1991-2); ASAIHL Fellow, U of HK and The Chinese U of HK, Hong Kong (1991); Alexander von Humboldt Fellow, U München (1989-90) & U Münster, Germany (2003)

**RESEARCH/EDUCATION HONORS:** Outstanding Chemist Award (Department of Chemistry, NUS) (2011); GIST-SNIC Award in Chemistry Education (2010); Outstanding Scientist Award, Faculty of Science NUS (2007); Outstanding Educator Award, NUS (2002); Honor Roll (2003/4 & 2004/5); Teaching Excellence Awards (numerous); Japan Chamber of Commerce & Industry (JCCI) Award (Education) (1996); Finalist, The Outstanding Young Persons (TOYP) of Singapore Awards (1996 & 1994); ASEAN Achievement Award (Science) (1994); SNIC Service Medal (1994); National Young Scientist and Engineer Award, National Science & Technology Board (Singapore) (1991)

**MAJOR RESEARCH INTEREST:** Organometallic Catalysis; Supramolecular Assembly; Intermetallic System; Environmental Catalysis; Functional Materials.

**RESEARCH OUTPUT** (full list available upon request): ~280 international publications, ~150 conference papers & ~150 presentations; 4,381 ISI citations on 276 papers (~450 citations in 2010); h index 32; trained 14 postdoctoral fellows, 20 research assistants/officers, 30 PhD, 20 MSc, 105 B.Sc.(Hon), 70 SRP, 15 SMP & 100 school project students; secured 23 competitive grants as Principal Investigator of total worth of S\$9.224m (US\$6.793m) in 1985-2009; numerous invited, keynote and plenary presentations. Special Feature by ACS in "Chemistry" Autumn 2004 Issue. [http://center.acs.org/chemistry/fall\\_2004.pdf](http://center.acs.org/chemistry/fall_2004.pdf)

### 5) Planned Local and international Conferences in 2010 - 2011

- (1) 42<sup>nd</sup> Annual General Meeting (29 March 2011, Keppel Club Singapore)
- (2) Launch of Industry-SNIC Joint Awards (29 March 2011, Keppel Club Singapore)
- (3) National Chemistry Week 2011 (28 May- 05 June 2011)
- (4) 2<sup>nd</sup> International Conference on Green & Sustainable Chemistry (14-16 November 2011, Biopolis, Singapore)
- (5) Singapore International Chemistry Conference

December 2012, Singapore)

### 6) Number of Permanent Staff

### 7) URL

[www.snic.org.sg](http://www.snic.org.sg)

### 8) Address and Permanent Contact Point

Singapore National Institute of Chemistry  
c/o Department of Chemistry  
National University of Singapore,  
3 Science Drive, Singapore, 117543  
E-mail: [snic@cma.sg](mailto:snic@cma.sg)

## 15. Institute of Chemistry Ceylon

- 1) Number of Members (annual fee paid numbers) 1500  
 2) Annual Budget (in USD) over USD 9,200  
 3) List of Periodic publications Chemistry in Sri Lanka (3 issues), CCS Newsletter (3 issues), Monographs, CCS Publications

### 4) 2011 President Profile



**Prof. M.D.P De  
Costa**

Prof. M D P De Costa is a Professor in Chemistry at Department of Chemistry, University of Colombo. He received his education at Ananda College, Colombo and entered the University of Colombo in 1980. After following a special degree course in Chemistry, he passed out in 1984 with First Class Honours.

He was the recipient of the C L De Silva Memorial Award for Chemistry in 1982. He joined the Department of Chemistry, University of Colombo as an assistant lecturer in 1984. He obtained his PhD from Dalhousie University, Halifax, Canada in 1990. He worked at Dalhousie University for a period of one year as a visiting scientist in 1997/1998.

Since then Prof. Costa has actively participated in the activities of the University, SLAAS and Institute of Chemistry Ceylon. He has been a Student Counsellor, Senior Treasurer of Chemical Society at the University of Colombo for several consecutive years and was the Head of the Department from 2003-2009. He was the President of Chemical Sciences Section (E-2) of the SLAAS in 2004 and currently he is the President of the Institute of Chemistry Ceylon.

### 5) Planned Local and international Conferences in 2011 - 2012

Theme Seminar on "Photochemistry for the well-being of the Society" June 17<sup>th</sup> 2011

International Conference on Chemical Sciences, 20-22 June 2012, Colombo, Sri Lanka

### 6) Number of Permanent Staff

38

### 7) URL

[www.ichemc.com/](http://www.ichemc.com/)

### 8) Address and Permanent Contact Point

Institute of Chemistry, Ceylon  
 Adamantane House  
 341/22, Kotte Road, Welikada, Rjagiriya,  
 Sri Lanka  
 Phone : +94-11-2861231, 2861653, 4015230  
 Fax: +94-11-2861231  
 E-mail: [ichemc@sltnet.lk](mailto:ichemc@sltnet.lk)

## 16. The Chemical Society Located in Taipei

- 1) Number of Members (annual fee paid numbers) 2,000  
 2) Annual Budget (in USD) USD 500,000  
 3) List of Periodic publications

*Journal of the Chinese Chemical Society (Taipei)* (English language, bimonthly)  
*Chemistry* (Membership journal: Chinese language, quarterly)  
 Other Publications

### 4) 2011 President Profile



**Prof.  
Chien-Hong Cheng**

President  
Chemical Society Located  
in Taipei

Vice President of  
Academic Affairs  
National Tsing Hua  
University

#### Education Data:

B.S., Department of Chemistry, National Tsing Hua University (1971)  
 Ph.D., Department of Chemistry, University of Rochester (1978)

#### Work Experience:

Postdoctoral, University of Rochester (1979)  
 Associate Professor, Department of Chemistry, National Tsing Hua University (1979 – 1984)  
 Professor, Department of Chemistry, National Tsing Hua University (1984 – )  
 Visiting Scientist, Department of Chemistry, Princeton University (1984 – 1985)  
 Member of Proposal-review Committee, Chemistry Section, National Science Council (1987 – 1988)  
 Chairman, Department of Chemistry, National Tsing Hua University (1990 – 1993)  
 Member of Advisory Committee, Chemistry Section, National Science Council (1992 – 1993)  
 Coordinator, Proposal-review Committee, Chemistry Section, National Science Council (1993 – 1996)  
 Chairman, Advisory Committee, Chemistry Section, National Science Council (1998 – 2000)  
 Director, Optoelectronic Center, National Tsing Hua University, (2002 – 2006)  
 Director General, Department of Natural Sciences, National Science Council (2006 – 2009)  
 Director of the Physical Science Division, National Science Council, 2006 – 2009  
 President-Elect, Chemical Society Located in Taipei, 2009 – 2010  
 Dean of Research and Development, National Tsing Hua University, 2010 – 2010

#### Professional Honors and Award:

Outstanding Research Award of National Science Council (1988 – 1990, 1991 – 1995)  
 Chinese Culture and Academic Foundation Award (1993)  
 Fellow of National Science Council (1995 – 2001)  
 Member of Advisory Committee, Inorganic Chemistry Communications (1998 – )  
 Chinese Chemical Society Award (2001)  
 Ministry of Education Science Award (2002)  
 Chair Professor, Tsing Hua University (2003)  
 National Chair Professor, Ministry of Education (2004 – 2007, 2009 – )  
 Fellow of Royal Society of Chemistry (2009 – )

#### Research Interests:

- i. Transition metal-catalyzed carbon-carbon bonds formation.
- ii. Synthesis of new organic and organometallic electroluminescent materials and fabrication of electroluminescent devices.

### 5) Planned Local and international Conferences in 2011

2011.12. (Hsinchu, Taiwan)  
 The 2011 CSLT Annual Meeting

### 6) Number of Permanent Staff

3.5

### 7) URL [www.chemistry.org.tw](http://www.chemistry.org.tw)

### 8) Address and Permanent Contact Point

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- 1) Number of Members (annual fee paid numbers) 1,100  
 2) Annual Budget (in USD) USD 30,000  
 3) List of Periodic publications Chemistry- An Asian Journal (jointly owning with other chemical societies of countries in Asian region)

### 4) 2011 President Profile



**Dr. Supawan  
Tantayanon**

Dr. Supawan Tantayanon is currently the Director of the graduate multidisciplinary program on Technopreneurship and Innovation Management of the Graduate School, and Associate Professor of Chemistry in the Faculty of Science at Chulalongkorn University, Thailand. She first joined the chemistry department as an instructor in 1975. She is also an affiliate associate professor in the Department of Chemistry and Biochemistry at Worcester Polytechnic Institute since 1993 and adjunct professor in Faculty of Graduate Studies and Research, University of Regina, Canada since 2009. From 2003 to 2007, Tantayanon was the Associate Dean of the Faculty of Science. Her areas of interest and expertise include: research in organic and polymer synthesis, green chemistry (Polyurethane dispersion, modification of chitosan, and emulsion liquid membrane for Pd extraction), alternative energy (hydrogen production, improvement of biodiesel property); and educational topics in chemical safety, green chemistry, and small-scale chemistry. Tantayanon received a B.S. with honors in chemistry from Chulalongkorn University, and a M.S. in organic chemistry from Mahidol University in Thailand, in 1973 and 1975, respectively. She received a Ph.D. in organic chemistry from Worcester Polytechnic Institute in 1982 and a Diploma in polymer science from Ferrara University in Italy in 1993.

Tantayanon is currently a member of the editorial board of Polymer International, John Wiley & Sons, Ltd. She has held numerous national and international positions, including the 2002-2003 President of the Pacific Polymer Federation, the 1997-2003 President of the Polymer Society of Thailand, and the 2003-2007 Vice President of Science Society of Thailand Under the Patronage of His Majesty the King, the Director of the Green Chemistry Institute (Thailand Chapter) since 2002, and the President of the Chemical Society of Thailand under the Patronage of HRH Princess Chulabhorn since 2007. Tantayanon is the 2011-2012 President of the Federation of Asian Chemical Societies.

### 5) Planned Local and international Conferences in 2011 – 2012

International Conference on Pure and Applied Chemistry 2011, January 5-7, 2011, Bangkok  
 14<sup>th</sup> Asian Chemical Congress, September 5-8, Bangkok, Thailand, with the theme of "Contemporary Chemistry for Sustainability and Economic Sufficiency"

Pure and Applied Chemistry International Conference (PACCON 2012), January 11-13, 2012, Chiang Mai, Thailand, with a theme of "Chemistry Beyond Boundaries"

### 6) Number of Permanent Staff

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### 7) URL

[www.chemsocthai.org](http://www.chemsocthai.org)

### 8) Address and Permanent Contact Point

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Dr. John Kingston (Australia) FACS citations 1991  
Dr. Jack Cannon (Australia) FACS citations 1991  
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Dr. M. Hanoosh (Iraq) FACS citations 1995 (deceased)  
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