



Report on The 13th Asian Chemical Congress 2009

September 14-16, 2009, Oriental Riverside Shanghai, Shanghai, China

The 13th Asian Chemical Congress (13th ACC) was held at the Shanghai International Convention Center, Shanghai, China during the period of September 14-16, 2009. It was organized by Shanghai Institute of Organic Chemistry (SIOC), Chinese Academy of Sciences (CAS), in partnership with the Chinese Chemical Society (CCS), under the Auspices of the Federation of Asian Chemical Societies (FACS).

The 13th ACC is the academic conference of FACS (traditionally a biennial flagship) for leading scientists from Asian-Pacific and other countries. It discussed the latest chemical research, development and education, aiming to build bridges for scientists worldwide to share research results, cultivate academic exchanges and foster new collaborations. It met the expectation that the congress encouraged more information exchange, alignment of research priorities, as well as leadership development and international research collaboration.

The 13th 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, 217 invited lectures, 176 oral presentations, 607 poster presentations and 14 experimental demonstrations.

1. The 13th ACC Opening Ceremony

The 13th ACC Opening Ceremony was held at Auditorium of the Shanghai International Convention Center, Shanghai, China on Monday, September 14, 2009. The ceremony was Presided by Prof. Long Lu, Secretary-General of the 13th ACC. First of all, Prof. Chunli Bai, Chairman of 13th ACC gave an Opening Remarks. Secondly, Prof. David StC. Black, Secretary General of IUPAC, gave an Address on behalf of Prof. Jin, Jung-Il, the president of IUPAC. Thirdly, Datuk Dr Ting Kueh Soon, President of FACS, gave an Address. And finally Prof Datin Dr Zuriati Zakaria, Secretary-General of FACS, announced FACS Awards 2009, handed by Datuk Dr Ting Kueh Soon.

FACS Awards 2009

Prof. Hian Kee Lee, Foundation Lectureship Award 2009 in Analytical Chemistry;
Dr. Sheng-Hsien Chiu, Distinguished Young Chemist Award 2009 in Organic Chemistry;

Prof. Mei-Hung Chiu, Distinguished Contribution to Chemical Education Award;

Dr. Jingliang Qiao, Distinguished Contribution to Economic Advancement Award.

2. Scientific Program

The **Scientific Program** of the 13th ACC includes Six Plenary Lecturers. 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 some Specific Symposia:

2.1 Plenary Sessions

The **Plenary Sessions** included six (6) Plenary Lecturers:

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 Polymerforschung, 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



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Pictures at the opening ceremony



Prof. Long Lu



Prof. Chunli Bai



Prof. David StC. Black



Prof. Datuk Dr Ting Kueh Soon



Prof. Kuilin Ding, Director of SIOC



Prof. Datin Dr Zuriati Zakaria



Audience



FACS awardees



Prof. Hian Kee Lee



Dr. Shien Hsien Chiu



Dr. Mei-Hung Chiu



Dr. Jinliang Qiao

The plenary lecturers



Professor Hisashi Yamamoto



Professor Dongyuan Zhao



Professor Klaus Muellen



Professor Kazunari Domen



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Professor Youji Sakagami



Professor Hian Kee Lee

Mini Symposia



Prof. David Garner in 1st China-UK Symposium on Medicinal Chemistry



Prof. Kaixian Chen in 1st China-UK Symposium on Medicinal Chemistry



Experimental Demonstration in Microscale Chemistry Experiments



2.2 General Session

The General Session of the 13th ACC was divided into the following eight (8) Scientific Sessions:

Symbol	Name of Session	Abbr.
GS01	Analytical Chemistry and Environmental Chemistry	Anal-Env
GS02	Physical and Theoretical Chemistry	Phys-Theor
GS03	Chemical Biology and Medicinal Chemistry	Bio-Med
GS04	Organic and Green Chemistry	Org-Green
GS05	Inorganic Chemistry and Nanochemistry	Inorg-Nano
GS06	Materials and Polymer Chemistry	Poly-Mats
GS07	Industrial Chemistry and Chemical Engineering	Ind-Eng
GS08	Chemical Education	Chem-Edu

2.3 Mini-Symposia

The Scientific Program of the 13th ACC also composed of the following 5 mini-symposia:

MS01: Current Topics on Organometallics	
MS02: 1st China-UK Symposium on Medicinal Chemistry	
MS03: Chemosensors	
MS04: Microscale Chemistry Experiments	A: Supported by FACS B: Supported by UNESCO
MS05: Advances in Pesticide Application for Crops	

3. Statistics of the Presentations and Participants

13th ACC Presentations

	Plenary	Invited	Oral	Poster	Subtotal
GS00	6				6
GS01		20	23	78	121
GS02		29	42	63	134
GS03		20	15	36	71
GS04		21	20	81	122
GS05		21	21	90	132
GS06		23	18	82	123
GS07		18	20	112	150
GS08		15	10	17	42
MS01		10			10
MS02		10		42	52
MS03		6	7	4	17
MS04		14		2	16
MS05		10			10
	6	217	176	607	
					1006

There are also some delegations participated in the congress, such as IUPAC, EuCheMS, American Chemical Society, the Royal Society of Chemistry, German Chemical Society, headed by their presidents.

Participants in Sessions

Symbol	Internal	external	Subtotal
GS01	84	43	127
GS02	90	43	133
GS03	122	55	177
GS04	307	75	382
GS05	100	46	146
GS06	156	75	231
GS07	83	26	109
GS08	58	16	84
MS01-MS05	119	17	136
ACES	3	15	18
Not specified	23	39	62
Subtotal	1145	450	
Total			1595

Note: a) External includes Hong Kong, China; Macau, China and Taipei, China; b) Registration is not specially required to the mini-symposia, except for Chemosensors.

Participants from different countries outside China

Country	Number	Country	Number
Australia	27	Libya	1
Austria	1	Malaysia	27
Bangladesh	2	Nepal	1
Brunei	4	New Zealand	1
Darussalam		Pakistan	1
Canada	3	Papua New Guinea	1
Cuba	2	Saudi Arabia	2
Estonia	1	Singapore	12
France	2	Spanish	1
Germany	7	Sri Lanka	1
Greece	1	Thailand	14
India	6	the Philippines	8
Indonesia	1	Turkey	1
Iran	25	UK	23
Iraq	3	UNESCO	3
Ireland	1	USA	20
Israel	1	Vietnam	4
Japan	88	Wiley-VCH	7
Jordan	2	Yemen	3
Korea	108		

Total: 415



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4. FACS 30th Anniversary Forum and Celebration Dinner

FACS celebrated its 30th 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 13th 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 Past Presidents went first, followed by Distinguished invited guests and so on. Forum was followed by FACS 30th Anniversary Dinner at 6:00 pm hosted by the Chinese Chemical Society.

5. Exhibitions

Because of the big economical crisis, there are only 14 booths exhibited including Pacificchem Congress by Dave Winkler (free of charge).

6. Conclusions

The 13th ACC has achieved its main objective of strengthening the cooperation among chemists and Chemical Societies worldwide. It has built bridges for chemists to share research results, cultivate academic exchanges and foster new collaborations. The congress has encouraged more information exchange, alignment of research priorities, as well as leadership development and international research collaboration. The 13th ACC has also provided an exciting opportunity for participants not only to benefit from the high standard scientific programs but also explore the cultural features of China.

The 13th 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.

7. Acknowledgement:

CCS and SIOC would like to thank FACS for giving us the opportunity to host the 13th ACC. We would also like to give our gratitude to the 13th ACC National Organizing Committee

(NOC) and the staff of 13th ACC Secretariat for their hard work and efforts. We would like to record our utmost acknowledgement to the Chinese Academy of Sciences, the National Natural Science Foundation of China and Sinopec Group for large parts of financial supports, and UNESCO, Shanghai Society of Chemistry and Chemical Industry et al for minute supports. It is bitter to say thanks to SIOC for substantial support. Finally we are most grateful for all speakers, presenters and participates who contribute to the great success of the 13th ACC.

Secretariat of 13th ACC
October 20, 2009

Pictures from 13th ACC



Reception



Flag Hand-over



Traditional Thai Performance



Folk Chinese Music Performance



Banquet