

Hanoi University of Science and Technology, Hanoi, Viet Nam, 4-7 December 2016

Hanoi's AsCA 2016

After more than 100 years of development, the Modern Crystallography has helped to understand the material nature of our world, to across the sciences, and to underpin most technological developments in our modern society. The impact of crystallography is present everywhere in our daily lives.

Responding to the Appeal of the IUCr and UNESCO for the implementation of the Resolution of the General Assembly of the United Nations for the international crystallographic year 2014 (IYCr 2014), Hanoi University of Science and Technology (HUST) in collaboration with the Vietnamese Crystallography Association successfully hold the workshop "Vietnam Meeting on IYCr 2014".

On the occasion of 60-year foundation of HUST, with an agreement of IUCr and AsCA, HUST and SEP plan on coordinating with AsCA's executing committee to hold 14th Asian Crystallographic Association Conference (AsCA 2016). This event is to attract more than 500 scientists from Asia, Ocean Continentals and the world to participate. The conference will cover various aspects of crystallographic research in physics, chemistry and biology with both of theoretical and practical approaches. The conference is also the great opportunity for researchers, scientists, students and companies to meet, exchange and cooperate in future research.



Registration

Early Bird Registration opens	May 1, 2016.
Abstract Submission opens	June 1, 2016.
Travel support application deadline	August 31, 2016.
Abstract submission deadline	August 31, 2016
Travel support and abstract acceptance announcement	September 30, 2016.
Early bird Registration closes	September 30, 2016.
Regular Registration closes	November 20, 2016.

Program, date, timetable, accommodation, travel, please access this link:
<http://asca2016.org/accommodation.html>.

Venue: Taquangbuu Library



Conference Hall (10F).
 Meeting Hall 923, 901, 902, 903, 904, 816.
 Free Wifi Internet.

Invited Speakers

Special lecture on IUCr 2017 and some general crystallography issues.
 Prof. Gautam Desiraju, Immediate Past President, IUCr.



Plenary Speakers:



1. Prof. Sumio Iijima, Meijo Univ., Japan.
2. Dr. Wah Chiu, Baylor College of Medicine, USA.
3. Prof. Makoto Fujita, University of Tokyo, Japan.
4. Prof. Hyotcherl Ihee, KAIST, Korea.

Keynote Speakers:

1. Prof. Jenny Martin, Griffith University, Australia.
2. Prof. Mei Li, Chinese Academy of Sciences, China
3. Prof. Tomislav Friščić, McGill University, Montreal, Canada.
4. Prof. Rahul Banerjee, CSIR-National Chemical Laboratory, India.
5. Prof. Song GAO, Peking University, China.
6. Prof. Joanne Etheridge, Monash University, Australia.



AsCA 2016 Organizer

AsCA. MOET. HUST.

President: Prof., Academician Dang Vu Minh, President of Vietnam Union of Science and Technology Associations.

Prof. Pinak Chakrabarti, President of Asian Crystallographic Association.

Programme Committee

Masaki Kawano (Tokyo Institute of Technology, Japan, Chair). Jagadees J. Vittal (NUS, Singapore, Co-Chair). Ian Williams (The Hongkong University of Sci. & Tech.). Alice Vrielink (University of Western Australia). Ted Baker (University of Auckland, New Zealand). Nguyễn Duc Chien (HUST, Vietnam). K. Suguna (Indian Institute of Science). Toshiyuki Shimizu (University of Tokyo, Japan). Kurt L. Krause (University of Otago, Newisland). Nei-Li Chan (National Taiwan University, Taiwan). Genji Kurisu (Osaka University, Japan). Kyeong Kyu Kim (Sungkyunkwan University, Korea). Martin K Schreyer (Institute of Chemical & Eng. Sci., Singapore). C. Malla Reddy (IISER, India). Partha S. Mukherjee (IISc Bangalore, India). Miao Du (Tianjin Normal University, China). Apinpus Rujiwatra (Chiang Mai University, Thailand). Edward R.T. Tiekink (Sunway University). Shin-ichi Adachi (KEK, Japan). Richard Garrett (ANSTO, Australia). Hyotcherl Ihee (KAIST, Korea). Chang-Hee Lee (HANARO, Korea). Brendan J. Kennedy (The University of Sydney, Australia). Kenji Tsuda (Tohoku University, Japan). Maki Okube (Tokyo Institute of Technology, Japan).

Local Organizing Committee

Hoang Minh Son (HUST Rector, Chair). Pho Thi Nguyet Hang (HUST, co-chair). Duong Ngoc Huyen (Vietnam Cryst. Assoc. co-chair). Dinh Van Phong (HUST). Nguyen Phu Khanh (HUST). Huynh Trung Hai (HUST). Đào Hong Bach (HUST). Huynh Dang Chinh (HUST). Quan Le Ha (HUST). Nguyen Duc Chien (Vietnam Material Science Assoc.). Nguyen Xuan Phuc (Vietnam Academy of Sci. Tech.). Nguyen Van Tri (Vietnam Cryst. Assoc.). Do Minh Nghiep (Vietnam Cryst. Assoc.). Vo Vong (Vietnam Cryst. Assoc.). Nguyen Hoang Nghi (Vietnam Cryst. Assoc.). Nguyen Xuan Chanh (Vietnam Cryst. Assoc.). Le Van Vu (Hanoi National Uni.). Nguyen Van Minh (Hanoi National Edu. Uni.). Du Thi Xuan Thao (Hanoi Uni. Mining and Geology). Tran Trung (Hung Yen Uni.). Nguyen Van An (Hongduc Uni.). Dinh Xuan Khoa (Vinh Uni.). Truong Van Chung (Hue Uni.). Vu Xuan Quang (Duytan Uni.). Le Hong Son (Danang Uni.). Tran Linh Thuoc (Hochiminh National Univ.).

Contact: Info@asca2016.org



Scientific Programme

I. Special session of Material Science

All topics relating but not limited to material science. Accepted and selected papers will be published in special conference proceedings.

II. Micro Symposiums

Area 1 – Structural Biology		Area 2 – Chemical Crystallography		Area 3 – Specialized Techniques	
MS1	Disease Related Proteins.	MS2	Engineering of Crystalline and Non-crystalline Solids.	MS3	Synchrotron Radiation Application.
MS4	Macromolecular Complexes: Proteins/DNA/RNA.	MS5	Structure and Properties of Functional Materials.	MS6	XFEL Applications.
MS7	Membrane and Membrane-associated Proteins.	MS8	Metal-organic Frameworks and Organic: Inorganic Hybrid Materials.	MS9	Advances in X-ray and Neutron Crystallography.
MS10	Hybrid/Integrative Methods in Biological Structure Analysis.	MS11	Reactions and Dynamics in the Solid State.	MS12	Crystallography of Novel Materials.
MS13	Ultra-high Resolution Structure of Proteins.	MS14	Chemical Crystallography: Hot Structures.	MS15	Electron Diffraction in Crystallography.
MS16	Hot Structures in Biology.	MS17	Chemical Crystallography: General Interest.	MS18	Crystallography for Earth, Planetary Sciences and Related Techniques.

III. Satellite meeting

School of Powder Structure Determination

Dec. 3, PM	Basic theory of powder structure determination.
Dec. 3, PM	Sample preparation and data collection.
Dec. 3, PM	Initial structure determination.
Dec. 4, AM	Rietveld refinement.
Dec. 4, AM	Evaluation of results and data base.

School of Single Crystal Structure Determination

Dec. 3, PM	Basic theory of single crystal structure determination.
Dec. 3, PM	Preparation and handling of samples, and data collection.
Dec. 3, PM	Data processing.
Dec. 4, AM	Structure determination and refinement.
Dec. 4, AM	Evaluation of results and data base.