## **Strands**

- 1. Beliefs, ethics and values of science
- 2. Communication in science
- 3. Conceptual development in science
- 4. Creativity and scientific minds
- 5. Curriculum and science textbooks
- 6. History, philosophy and education of modern sciences
- 7. Nature of science
- 8. Science culture & public understanding of science
- 9. Science in Asian contexts
- 10. Scientific inquiry, socio-scientific issues and science, technology, and society studies

# **Important Dates**

**Abstract and Proposal Submission:** 

April 30, 2012 (up to 500-word abstract and 1500-word proposal)

**Full Paper Submission:** 

July 31, 2012 (up to 4000-word paper)

IHPST 2012 registration (early bird): May 1- June 30, 2012

Deadline for on-line registration:

September 20, 2012

· All abstracts and full papers are to be submitted via the IHPST 2012 website\*.

## Venue

### Seoul National University

Seoul National University is a leading comprehensive research university, and also the center for studies of HPS and science education in Korea. http://useoul.edu/



## Accommodation

Hoam Faculty House is located at Seoul National University. Approximately 100 rooms are available and takes 10 minutes by foot from the conference venue. It is recommended to reserve as early as possible to ensure placement at the Hoam Faculty House.

Website: http://www.hoam.ac.kr/english/

## **Transportation**

Seoul National University is conveniently located and directly reachable from Incheon International Airport by limousine bus (Air Bus 6017). Taking about 80 minutes, shuttle fare is about  $\mathbb{W}15,000$  (USD\$15). Further information can be found at the IHPST 2012

# **Organizing Committee (Local)**

Chair Jinwoong Song (Seoul Nat'l Univ.)

HPS side Sook-Kyoung Cho (KOFAC), Sungook Hong (Seoul Nat'l Univ.). Eun-Kyoung Lee (Chonbuk Nat'l Univ.). Bumsoon Park (KAIST), Jinhee Park (Dongguk Univ.), Sungsoo Song (Pusan Nat'l Univ.), Sangwook Yi (Hanyang Univ.)

Science education side Heui-Baik Kim (Seoul Nat'l Univ.). Gyoungho Lee (Seoul Nat'l Univ.), Hyunju Lee (Ewha Womans Univ.), Sonya Martin (Seoul Nat'l Univ.), Seoung-Hey Paik (Korea Nat'l Univ. of Education), Youngjoon Shin (Gyeongin Nat'l Univ. of Education), Yong Jae Joung (Gongju Nat'l Univ. of Education)

### **Contact Information**

Professor Jinwoong Song Department of Physics Education Seoul National University, Seoul, Korea

Tel: 82-2-880-8817 FAX: 82-2-880-7754 E-mail: ihpst2012@gmail.com \*Homepage: www.ihpst2012.snu.ac.kr

### **Co-organizers**



Science Education for the Next Society, Seoul National University

The Seoul Nat'l University BK21 Research Team for the Education of Human Resources in Science, 과학기술과 사회문화 연구인력 양성 사업팀 Technology, Society and Culture



IHIST

International History, Philosophy and Science Teaching Group

**Exploring Science: Contributions from** History, Philosophy and **Education of Science** 



The First IHPST Regional Conference in Asia, Seoul, Korea



www.ihpst2012.snu.ac.kr

# 2012 IHPST in Asia: The First IHPST Regional Conference in Asia

## Message

It is great pleasure to invite you for the forthcoming 2012 IHPST conference. The Conference is going to be held at Seoul National University (SNU), Seoul, South Korea, 18-20 October, 2012. This is the first time that Asia is holding a regional IHPST conference and it is our honor that SNU holds the first regional IHPST conference. Seoul, the capital city, has been at the center of a nation where both traditional and modern cultures coexist. We are sure that you will enjoy Korea's ongoing preservation of traditions yet modernity, dynamics, and excitement.

The theme of the Conference is "Exploring Science: Contributions from History, Philosophy and Education of Science". We hope that two academic traditions, the history & philosophy of science and science education, are meaningfully and truly integrated at the conference through active exchange of ideas, research results and expertise.

We sincerely believe that 2012 IHPST in Asia will be a place where one can share research interests and build relationships with colleagues. We look forward to meeting you in Seoul in October 2012.

#### Jinwoong Song

Chair, Organizing Committee of 2012 IHPST in Asia Seoul National University

#### Heui-Baik Kim

Director, BK21, Science Education for the Next Society Seoul National University

#### Sungook Hong

Director, BK 21, Education of Human Resources in Science, Technology, Society and Culture Seoul National University

## **Invited Speakers**





**Igal Galili** is a professor of science education at the Faculty of Mathematics and Natural sciences at the Hebrew University of Jerusalem. He has developed a textbook at optics from a broad cultural perspective that discusses the historical development of theories of light and vision from ancient Greece to modern physics.

Hasok Chang is Hans Rausing Professor

of History and Philosophy of Science at

Cambridge University. His research

interests are broadly in the history and

philosophy of the physical sciences and

general philosophy of science.



Yung Sik Kim is a professor of history of science in the Department of Asian History at Seoul National University. He has served as the president of the Korean Society of the History of Science and as the president of International Society for the History of East Asian Science, Technology, and Medicine.



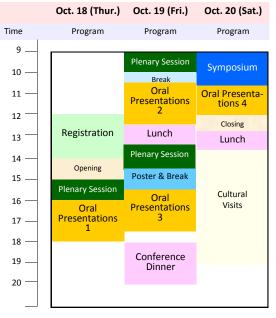
**Norman Lederman** is a professor of mathematics and science education at Illinois Institute of Technology. He is widely known for his research on students' and teachers' conceptions of nature of science and scientific inquiry.



Alice Siu Ling Wong is an associate professor at the Faculty of Education at University of Hong Kong. Her research interests include the nature of science, socio-scientific issues and teacher professional development.

Other invited speakers to be confirmed

## **Brief Schedule** (Tentative)



## Programs

• The First IHPST Regional Conference provides various programs including a symposium, oral and poster presentations, invited talks and cultural visits.

 Young Scholar Awards will be presented to graduate students or young scholars who have graduated within the last five years. Papers must be submitted for either oral or poster presentations.

• A special issue of the Springer journal *Science & Education* is devoted to 2012 IHPST Regional Conference in Asia.

 Through cultural visit programs, you can enjoy Seoul where both traditional and modern cultures coexist.

· The official language of the conference is English.