

First IHPST Asian Regional Conference: Seoul October 18-20, 2012

Background

The International History, Philosophy and Science Teaching Group (IHPST) has been holding biennial conferences in North America and Europe since 1989. The conferences are an occasion for the presentation of research on the connection between the history and philosophy of science and theoretical, curricular and pedagogical issues in the teaching of science and mathematics. Accordingly the conferences bring together scientists, historians, philosophers, educators, cognitive scientists and school teachers. In 2010 the first Latin American IHPST regional conference was held in Mareias Beach, Brazil. In 2012 the first Asian IHPST regional conference will be held during October 18-20 at Seoul National University.

Aims

The specific aims of the conference are:

- to strengthen the links between HPS and science education in Asia
- to show different connections between the sciences and the humanities.
- to exchange experience of research and implementation of HPS&ST in Asia
- to establish an academic platform for HPS&ST in Asia

Invited Plenary Speakers (Preliminary)

Yung Sik Kim, is Professor of History of Science in the Department of Asian History, Seoul National University. He was the founder of the History and Philosophy of Science programme at SNU and has advised nationally on HPS studies in Korean universities. He initially trained as a chemist, graduating with a PhD from Harvard University. After a period of teaching chemistry at SNU he turned to historical study and earned a second PhD in history of science from Princeton University.



He has served as the president of Korean Society of the History of Science, and as the president of International Society for the History of East Asian Science, Technology, and Medicine. He has authored numerous books and papers.

Hasok Chang is Professor of History and Philosophy of Science at Cambridge University. After completing a science degree in Korea, he received his PhD in philosophy from Stanford University. His research interests are broadly in the history and philosophy of the physical sciences (particularly physical measurements), and general philosophy of science. Currently he is engaged in a historical and philosophical study of heat and temperature, with a focus on the 18th and 19th centuries.



He is co-founder of the Society for Philosophy of Science in Practice; and Associate Editor of the *British Journal for the History of Science*.

Other Invited Speakers are to be confirmed

Supporting Organizations

Inside SNU

- Division of Science Education (Director: Prof. Heui Baek Kim)
- Interdisciplinary Program of History & Philosophy of Science (Director: Prof. Sungook Hong)

Outside SNU

- KASE (Korean Association for Science Education)
- KSESE (Korean Society for Elementary Science Education)
- KHSS (Korean History of Science Society)
- KSPS (Korean Society for the Philosophy of Science)

Local Organizing Committee

Chair Jinwoong Song (History of Science Education, *Seoul Nat'l Univ.*) jwsong@snu.ac.kr

HPS side

Sang-Wook Lee (Philosophy of Science, *Hanyang Univ.*)
Eun-Kyoung Lee (Sociology of Science, *Cheonbuk Nat'l Univ.*)
Jinhee Park (Sociology of Environment, *Dongkook Univ.*)
Sook-Kyoung Cho (Science Culture, *KOFAC*)
Bumsoon Park (History of Science, *KAIST*)
Sung-Soo Song (History of Technology, *Pusan Nat'l Univ.*)

Science Education side

Gyoungcho Lee (Conceptual Change in Science, *Seoul National Univ.*)
Seoung-Hey Paik (Science Curriculum, *Korea Nat'l Univ. of Education*)
Jongsuk Park (History of Korean Science Education, *Kyungpuk Nat'l Univ.*)
Hyunjoo Lee (Socio-Scientific Issues, *Ewha Womans Univ.*)
Youngjoon Shin (Science-gifted Education, *Kyungin Nat'l Univ. of Education*)

Inquiries & Further Information: Jinwoong Song jwsong@snu.ac.kr