



THE NEWSLETTER OF
THE EAST-ASIAN ASSOCIATION FOR SCIENCE EDUCATION
東亞科學教育學會通訊

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International Conference of East-Asian Science Education

東亞科學教育研討會 First Biennial EASE Conference

Date: Oct.21-23, 2009

Venue: Howard International House, Taipei, Taiwan

Conference Theme:
Science Education for Tomorrow(SET): Voices of East Asia



Due Date (Jun 30)



Prof. Ching-Yang CHOU

Welcome

Dear Friends,

On behalf of the Organizing Committee of the EASE 2009, we are happy to take this opportunity to welcome all of you to this conference. This conference theme focus on " Science Education for Tomorrow (SET): Voices of East Asia." and believes that it will draw professional researchers from diverse all fields within science education, both locally and internationally. The major goal of EASE 2009 is to promote the latest research and trends in science education as well as be informed concerning innovative teaching strategies all around Asian regions. The conference strands will provide researchers and practitioners a platform by which they can share what they have found that works in science education in Asia, and the significant relevance with international colleagues and communities.

Apart from the scientific programs, we encourage you to take advantage of the social programs during the conference to make new friends and renew old friendships. You can also enjoy the atmosphere of Taipei and experience Taiwanese culture, which is a blend of traditional and modern lifestyle of Taiwan society. Of course, you will be entertained by different courses of delicious oriental cuisine and local specialty shows during the Conference Banquet. We are sure that all of you will have pleasant and exciting experiences coming to Taiwan.

Yours sincerely,

Ching-Yang Chou

Chair, The Organizing Committee, 2009 International Conference of East-Asian Science Education (2009 EASE)
(<http://esciedu.nctu.edu.tw/ease/en/welcome.php>)

Registration fees

	Before Jul 31	Aug 1 – Oct 18
Regular member	US\$120 (NT\$3600)	US\$150 (NT\$4500)
Student member	US\$ 40 (NT\$1200)	US\$ 50 (NT\$1500)

Including: Attendance to all Conference Sessions, Conference Materials, Coffee breaks and Lunch (Oct 22), Conference Banquet (Oct 23) and Conference Tour (Oct 23-24)

Method of Payment and Cancellation Policy are shown in the website.

Important Dates

Abstract submission (150 -500 words, English only): [June 30](#), 2009
Notification of paper acceptance: July 31, 2009
Deadline for full text paper submission (optional): July 31, 2009

For registration or information, please visit us.

Conference Strands

- + Curriculum and Teaching in Science
- + Learning Science in Schools
- + Learning Science in Informal Settings
- + Educational Technology for Science Education
- + Professional Development for Science Teachers
- + History and Philosophy in Science Education
- + Policy in Science Education
- + Assessment and Comparative Studies in Science Education
- + Collaborative studies and Cooperation
- + Region-specific science education

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Report of NARST 2009

Young-Shin Park (Chosun University, Korea)

Annual international conference of NARST was held in Garden Grove, CA with the theme of 'Grand Challenges and Great Opportunities in Science Education', from April 17 to April 21, 2009. Two outstanding plenary sessions were offered; (1) by Linda Darling Hammond at Stanford University with the title of 'Teaching and Learning for the 21st Century' and, (2) by Leona Schauble at Vanderbilt University with the title of 'Grand Challenges in Science Education: what's foundational for science learning?' There were great opportunities to meet scholars to share the ideas in science education through poster session, oral presentation, symposium, and workshops. More than anything else, I can see that there had been more and more topics in 'reflective practices' and 'Discourse, Argumentation, and Questioning' for the past years. In addition,



I can see that the content of Strands has become more diverse and more specific including 'Reflective Practice', 'Educational Technology', and 'Environmental Education'. In each presentation, there was dynamic interaction between audience and presenter or among audience. I was satisfied with each presentation at NARST and I learned a lot! In addition to basic purpose of attending conference (that is, presenting and meeting scholars), more purposes such as 'eating', 'shopping', and 'meeting my old friends from the world' made my day at NARST. I really enjoyed every "Break Time" with Starbucks Coffee during conference and 'Elm Street Band' with great finger food and music performance at the end of conference. Some scholars performed great dance with music. Lastly, I could meet my advisor and old friends from Oregon, too. Fantastic!! Oh, one more. I did not forget to play my main role at NARST, distributing the 1st EASE flyers and E-newsletter of EASE, which were very attractive and interesting to participants at NARST.

Mission of EASE

- Fostering networks among researchers
- Being a platform for collaboration and cooperation
- Contributing to policies and practices through research
- Enhancing research relevant to our culture and heritage



UCHIDA

<http://www.uchida.co.jp/global/>

News from Korea / Region:

RET (Research and Education for Teachers), A New Program for Science Teachers' Professional Development

Eun Ah Lee (Seoul National University, Korea)

In May, 2009, Center for Bridging Advanced Science and Education (Director: Hun-Gi Hong) launched a new teachers' professional development program designed for science teachers who are eager for challenge. Center for Bridging Advanced Science and Education (CBASE) has been established in 2007, to provide science teachers various professional development programs to learn and apply frontiers knowledge of science and technology. The main office of CBASE is located in Seoul National University and there are two branches in Chonbuk National University and Kongju National University.

RET stands for Research and Education for Teachers and it is created to provide science teachers an opportunity to conduct advanced science research for six months under the supervision of experts. Thus teachers can have experience of real life research and finally be able to apply the outcome for their teaching. Applicants submitted the proposal about what they wish to learn and how they are going to use it in science teaching. After reviewing each proposal, CBASE selected five teams for the program. In each team, teacher(s) are the primary investigator(s) in their own research for next six months, under the supervision of two volunteer professors. One is a scientist and the other is a science educator. Among the selected teams, two teams are working for nano-technology topics, two other teams are working for biotechnology topics and one is working for environmental technology topic.

There may be similar programs to let teachers participate in science research, however in RET, teachers will be the primary investigators unlike previous programs. They will do their own research while they are learning advanced knowledge. Also teachers will have a chance to apply what they investigated for their teaching. Thus, CBASE is expecting that RET program can be the attractive challenge to science teachers and will produce creative outcome.

The International Seminar and 56th KASE Biannual Conference

Young-Shin Park (Chosun University, Korea)

The International Seminar and the 56th KASE (Korean Association for Science Education) conference will be held at Chosun University, Korea from August 20th to August 22nd 2009 with the theme of 'Exploring Models for Nurturing Creativity of the Gifted in Science Education'. About 1300 scholars and students are current registered members of KASE and they present the current research and share the ideas through dynamic interaction through oral and poster presentation as well as workshops and symposium at each conference. For international seminar 2009, (1) Michael Matthews at University of New South Wales presents with the title of 'Creativity and Scientific Discovery: Lessons from the Pendulum'; (2) Norman G. Lederman at Illinois Institute of Technology makes speech with the content of Nature of Science, and (3) Manabu Sumida at Ehime University in Japan also makes speech with the title of 'Twice-Exceptionality of Children in Science Classrooms', whose content is connecting to 'creativity'. Personally, it is great honor to host KASE conference at Chosun University, which is located in South of Korea, the city of Gwangju. Chosun University was founded in 1946 and you can find more information at <http://eng.chosun.ac.kr/>. I am sure that science educators, students, and teachers will meet scholars from abroad (Taiwan, Australia, Japan, and USA) to



develop dynamic networks of science education and build platform for collaboration and cooperation in research of science education through KASE conference at Chosun University. See you at Gwangju, Korea!

Welcome new editor!

CHENG, May Hung May
(Hong Kong Institute of Education)

Prof. Cheng May Hung, May is currently Professor, and Acting Dean of the Faculty of Arts and Sciences at the Hong Kong Institute of Education. She teaches under- and post-graduate classes in biology, science education, general studies, and liberal studies.



Apart from being principal investigator of a number of research projects funded by the Institute's research committee and the Hong Kong government's Education and Manpower Bureau, she leads the Hong Kong Science team to participate in the five-year nine-regions "Schools Around the World" international project. She is on the editorial board of the Journal of Quality School Education and the online journal, Asia-Pacific Forum on Science Learning and Teaching. She has published research papers in a number of international journals including Journal of Biological Education, Canadian Journal of Science, Mathematics and Technology Education, Teaching and Teacher Education, and Teacher Development. She also serves curriculum development and examination committees at senior secondary level in Biology, Science and Technology and Liberal Studies held by the Hong Kong Curriculum Development Institute and the Hong Kong Examinations and Assessment Authority.

Conferences in the World

VIIth IOSTE Symposium for Central and Eastern Europe

14-18 June, 2009, Siauliai, Lithuania
http://agora.guru.ru/display.php?conf=ioste_symp_LT-2009

40th ASERA 2009 1-4 Jul., 2009 @ Deakin University, Victoria, Australia.

<http://asera.org.au/index.php/annualconf/09annualconf>

CONASTA58 4-7, Jul., 2009 @Hotel Grand Chancellor, Launceston, Tasmania, Au.

<http://www.cdesign.com.au/conasta58/>

SJST 2009 18-19 Aug. 2009 @Miyagi

University of Education, Sendai, Japan
<http://sjst2009.miyakyu-u.ac.jp/>

56th KASE <http://eng.chosun.ac.kr/> 20-22 Aug. 2009 @ Chosun University, Gwangju, Korea

33rd Annual Meeting of JSSE

25-26 Aug., 2009 @Doshisha Women's University, Kyoto, Japan
<http://certcms.shinshu-u.ac.jp/jsseam/modules/note2/>



ESERA 2009 <http://www.esera2009.org/>

31 Aug. - 4 Sep., 2009 @Istanbul, Turkey

Int. Conference on PUST and Environment

7-8 Sep. 2009 @Hiroshima, Japan
Abstract less than 400 words, before Jul. 20,
http://home.hiroshima-u.ac.jp/hicce/index.cgi?page=Activity_kinyas@hiroshima-u.ac.jp

EASE 2009 <http://theease.org/>

21-23 Oct., 2009 @Taipei, Taiwan

Abstract submission until June 30.

International Science Education Conference

2009 24-26 Nov., 2009
@National Institute of Education, Singapore
<http://www.nse.nie.edu.sg/isec2009/>

41st ASERA 2010 @ Newcastle University, Australia.

[EASE 2010 Summer Workshop for Research Students](#)

XIV IOSTE <http://www.ioste.org/2010@Slovenia>

Join us !

For membership of EASE: It costs only US\$20 a year to be a member of EASE (US\$10 for student).

For more information: Just visit EASE Website <http://theease.org/>

Don't hesitate to contact me for further information. *Young-Shin Park (Chosun University, Korea, parkys@chosun.ac.kr)*

