

IMPORTANT DEADLINES

May 30, 2012, Proposal abstract submission due (see details below). Proposal type: empirical research, position statement and conceptual analysis, poster demonstration and product exhibition

June 30, 2012, Proposal acceptance notification

Sept. 15, 2012, Full paper submission due

Oct. 12-15, 2012, ICSE conference

ABOUT PROPOSAL ABSTRACTS

For the first stage, paper abstracts to be considered for inclusion in the technical program must be submitted by **May 30, 2012**.

The abstract should include presentation title, author names, institute, and contact emails.

The abstract submission shall be sent to the conference email address:

ICSE2012NanjingChina@gmail.com

ICSE2012Nanjing@163.com

The file name might follow this format:

ICSE2012AbstractYourCountrynameYourname.

The total length should be no more than 350 words. Details on paper submission requirements and formats will be posted later at the ICSE 2012 web site, <http://edu.nju.edu.cn/zbh/icse2012/>.

Co-Organizers:



Institute of Chemistry Education,
Beijing Normal University



Center for Teacher Professional
Ability Development,
Shaanxi Normal University



China Research Institute for
Science Popularization



Research Institute of Science Education,
Guangxi Normal University

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(To be announced)

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Web Master

Mr. Jinlei Zhang

(For committee members, see conference website.)

CONTACT PERSON

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Conference Web Site

<http://edu.nju.edu.cn/zbh/icse2012/>



International Conference on Science Education 2012

Science Education:
Policies and Social Responsibilities

CONFERENCE ANNOUNCEMENT
AND CALL FOR PROPOSALS

Oct. 12-15, 2012

Nanjing University, Nanjing, China

Organizer:



National Association for Science Education,
the Chinese Society of Education (CNASE)
<http://www.cse.edu.cn>



Institute of Education,
Nanjing University
(May 20th, 2012, 110th Anniversary)

<http://www.nju.edu.cn>
<http://edu.nju.edu.cn>



ABOUT THE CONFERENCE THEME

Science education research is vital in the development of national science education policies, including standards, teacher development and public understanding of science. Science education researchers study the quality, feasibility, and alignment of standards at different levels with regard to curriculum materials, assessment practices, and science teacher certification requirements; they also seek ways to bridge formal and informal science education. Science education research thus affects a nation's ability to fulfil its social responsibilities.

The ICSE 2012 conference welcomes science education researchers from around the world to exchange experiences, challenges, and strategies in science education research, particularly in areas related to development, implementation, and evaluation of science education standards, connections between formal and informal science education and to science teacher education in their countries. Sample research questions addressing the above theme are provided below; research addressing other related questions is also welcome.

CONFERENCE FEES AND LOGISTICS

Conference registration fee: **RMB 1500 (about \$238)**; this includes food, drinks, conference room rentals, pick-up transportation and other conference-related costs.

If you would like to go traveling or make other arrangements in China after the conference, we can refer to a tourism company to handle this. You will need to register for this before the registration deadline and pay by yourself. We also encourage you to buy travel insurance yourself.

SAMPLE THEME QUESTIONS

Questions about National/Local Science Education Standards

1. How are standards in science education defined in your country?
2. What were the administrative processes when you developed the standards?
3. What were the challenges in developing the standards, and what strategies were used to address them?
4. What are the challenges when implementing the standards (e.g. curriculum and assessment development and teacher professional development) and the strategies to address them?
5. How might we consider science education standards at different stages at K-12 level and how can the standards be aligned with each other?
6. How do you assess the effectiveness of the science education standards in your country?

Questions about Science Teacher Education

1. What is the background and current status of primary science teacher education in your country?
2. What are the challenges in pre- and in-service science teacher education in your country? How do you address those challenges?
3. What are the measures to develop science teachers' understanding of content knowledge and pedagogical content knowledge?
4. How do science teachers integrate ICT in teaching and student learning?

Questions about Public Science Education

1. Which organizations should take charge of informal science education?
2. What is the system in your country to ensure public access to science education (public science/citizen science)?
3. How does your country promote the science literacy of its citizens?
4. How do people make use of informal science education resources for school science teaching and learning?

INVITED SPEAKERS (More to be added)



Prof. Sharon Lynch,
George Washington
University, USA,
and president of
NARST



Prof. Joseph Krajcik,
Michigan State University,
USA



Prof. Shigeki Kadoya,
National Institute for
Educational Policy
Research, Japan



Dr. Ben Akpan,
President, International
Council of Associations
for Science Education
(ICASE)



Peter Nentwig
Leibniz Institute for
Science and Math-
ematics Education at
the University of
Kiel, Germany (IPN)



Prof. Xiufeng Liu,
State University of
New York at Buffalo,
USA



Prof. Cho-Yee To,
Chinese Hong Kong
University, China
and University of
Michigan, USA



Prof. Shujin Peng,
vice-President,
National Association
for Science Education,
the Chinese Society of
Education (CNASE),
China



Prof. Zuoshu Wang,
Capital Normal Uni-
versity, President,
the Chinese
Association for
Non-Governmental
Education



Prof. Fujun Ren,
Director, China Research
Institute for Science
Popularization (CRISP),
China



Prof. Dongchuan
Yu, Director, Key
Laboratory of Child
Development and
Learning Science,
Ministry of Educa-
tion, Southeast Uni-
versity, China



Prof. Zhang Hongshia
Dean, Institute of educa-
tion, Nanjing University