

Call For Papers

The Sixth Korea-China **W**orkshop on Nuclear **R**eactor **T**hermal-**H**ydraulics (**WORTH-6**)

April 11~13, 2013
Busan, Korea

Organized by
Korea Atomic Energy Research Institute (KAERI)
and
Nuclear Power Institute of China (NPIC)

in Cooperation with
Korea Institute of Nuclear Safety (KINS), Pusan National University (PNU),
China Institute of Atomic Energy (CIAE) and Xi'an Jiaotong University(XJTU)

Sponsored by
Korean Nuclear Society (KNS) *and* Chinese Nuclear Society (CNS)

ABOUT THE WORKSHOP

Korea and China, among others, have rapidly developing nuclear programs, and are recognized as outstanding nuclear countries. Despite their geographic proximity, however, cooperative efforts between the two countries have not been actively pursued. In 2001, the Joint Committee on Nuclear Energy (JCNE) between the Korean Government (MEST) and the Chinese government (CAEA) was launched. A series of joint workshops in the nuclear thermal-hydraulic field were agreed with the intention of facilitating the cooperation activities between KAERI and NPIC, and XJTU who joined later on. Separately, another cooperation activity has been in progress between KINS and CIAE under the JCNE umbrella agreement. The objectives are to bring together researchers and designers from industries, laboratories and academia, active in the area of nuclear reactor thermal-hydraulics, to present the state-of-the-art technologies, to exchange their expertise and experiences, and to further stimulate their researcher activities. Since 2006, the thermal-hydraulic committees of both the KNS and the CNS have expressed a deep interest in the workshop and they have agreed to support this series of joint workshops. The official language of the workshop is English.

TECHNICAL SESSION TOPICS

Thermal Hydraulics Fundamentals	Two-Phase Flow Dynamics and Heat Transfer
Safety Analysis and Code Development	Severe Accident Analysis and Experiment
Instrumentation and Measurement Techniques	Advanced Water Reactor Technology
Next Generation Reactors Technology	Advanced Thermo-fluid System Design

WORKSHOP SCHEDULE

April 10 (Wednesday): Registration, and Welcome Reception
April 11 (Thursday) : Registration, Opening and Plenary Sessions, and Technical Session (I)
April 12 (Friday) : Technical Session (II) and Closing Session
April 13 (Saturday) : Technical Tour to Pusan National Univ. (Optional)

IMPORTANT DATES

Extended abstract due	: Jan. 15, 2013
Pre-Registration form due	: Feb. 28, 2013
Final manuscripts due	: March 15, 2013
Final announcement	: March 31, 2013

SUBMISSION OF THE ABSTRACT

Submit your abstract to Dr. H. K. Cho, KAERI, Korea (hkcho@kaeri.re.kr). The extended due date of the abstract submission is Jan. 15, 2013.

SUBMISSION OF THE PRE-REGISTRATION FORM

All *potential* participants are recommended to submit a *Pre-registration form* by E-mail, not later than Feb. 28, 2013, to Dr. H.K. Cho, KAERI, Korea (hkcho@kaeri.re.kr).

In the pre-registration form, the name of the participants should be included along with the mailing address, phone, fax, and E-mail information. The pre-registration form is attached to this CfP and also its electronic file can be obtained upon request by E-mail.

REGISTRATION FEES

Registration fee for KNS/CNS members ₩150,000 (850 CNY)
Registration fee for students ₩ 100,000 (550 CNY)

Registration fees should be sent to our bank account via a bank transfer* by **March 15, 2013**. However, we can accept cash (*Korean Won* only) at the registration desk. Registration fees include a set of Workshop Proceedings, banquet and technical tour.

*Account of KNS for the bank transfer: *To be informed later*

Workshop Venue

All the workshop activities including the Banquet will take place at Homers hotel, Busan, Korea (www.homershotel.com). The Location of Homers Hotel in Busan is by the side of Gwangan Grand Suspension Bridge and blue sea. The convenient location of Homers Hotel of Busan is preferred by the business personnel and leisure travelers. The hotel is just moments away from a number of local attractions.

Further Information

Participants are encouraged to contact, for further information, the persons indicated below:

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Remarks

This series of bi-annual workshops is being organized by the bilateral cooperation item (Item B-2) in cooperation with B-7 under the umbrella agreements between Korean and Chinese governments for the JCNE (Joint Committee on Nuclear Energy) since 2001. Cooperation item B-2 is coordinated by KAERI, NPIC and XJTU and item B-7 by KAERI, KINS and CIAE. The WORTH-6 will be held in serial with ICAPP-2013 conference which will be held in Jeju, Korea, on April 14~18, 2013.

History of the WORTH Workshop

The first workshop was held in Chengdu, China on Oct. 21 to 24, 2003 with the presentation of 10 papers from Korea (KAERI) and 15 papers from China (NPIC and 6 other Chinese organizations). The second workshop was held in Jeju, Korea on May 24 to 25, 2005 with the presentation of 28 papers from Korea, China and Parkistan. The third workshop was held in Dujiangyan near Chengdu, China on Aug. 22~24, 2007 with the presentation of 75 papers from 14 organizations (including 10 Chinese organizations). The fourth workshop (WORTH-4) was held in Jeju, Korea on May 18~20, 2009 with the presentation of 71 papers from 18 organizations (including 8 Chinese organizations). And the fifth workshop (WORTH-5) was held in Emei near Chengdu, China on Oct. 10~12, 2011 with the presentation of 95 papers from 21 organizations (including 9 Korean organizations).