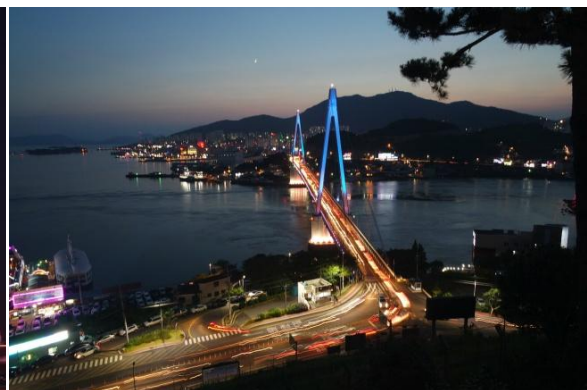


First Call for Papers

The 8th Korea-China **W**orkshop **o**n
Nuclear **R**eactor **T**hermal-**H**ydraulics
(**WORTH-8**)

Date	October 22-24, 2017
Venue	The MVL, Yeosu, Korea
Organized by	Korea Atomic Energy Research Institute (KAERI) Nuclear Power Institute of China (NPIC) Xi'an Jiaotong University (XJTU)
Sponsored by	Korean Nuclear Society (KNS) 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 Chinese government (CAEA) and the Korean Government (MEST) was launched. A series of joint workshops in the nuclear thermal-hydraulic field were agreed with the intention of facilitating the cooperation activities between NPIC and KAERI, and XJTU who joined later on. Separately, another cooperation activity has been in progress between CIAE and KINS 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 as well as in the field of severe accident, 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 CNS and the KNS 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

- Track 1. Thermal Hydraulic Experiments
- Track 2. Computational Fluid Dynamics Technologies and Applications
- Track 3. Safety Analysis and Code Development
- Track 4. Severe Accident Analysis and Experiment
- Track 5. Instrumentation and Measurement Techniques
- Track 6. Advanced Water Reactor Technology
- Track 7. Next Generation Reactors Technology
- Track 8. Advanced Thermo-fluid System Design

ORGANIZATION COMMITTEE CHAIRS

Honorary Chairs:	Prof. Goon-Cherl PARK (SNU)	Prof. Qi LUO (NPIC)
General Chairs:	Dr. Chul-Hwa SONG (KAERI)	Dr. Yan-Ping HUANG (NPIC)
Steering Committee Chairs:	Dr. In-Goo KIM (KINS)	Dr. Bing-De CHEN (NPIC)
Technical Program Committee Chairs:	Dr. Ki-Yong CHOI (KAERI)	Dr. Jian-Jun XU (NPIC)
Organizing Committee Chairs:	Prof. Sung Joong KIM (HYU)	Dr. Yan-Lin WANG (NPIC)

WORKSHOP SCHEDULE

- October 22 (Sunday) : Registration and Welcome Reception
- October 23 (Monday) : Registration, Opening, Plenary Session 4 (TH & SA, Korea and China)
Keynote 3, Technical Session I, Banquet
- October 24 (Tuesday) : Technical Session II, Keynote 3, Closing Session
- * Embedded Session : SNPSDC-KAERI Workshop (October 24~25)

IMPORTANT DATES

Abstract due : April 30, 2017
Pre-Registration form : August 15, 2017
Final manuscripts due : August 31, 2017
Final announcement : September 30, 2017

SUBMISSION OF THE ABSTRACT

Submit your abstract to the website: <http://www.worth8.org>. The due date of the abstract submission is April 30, 2017. (The website will be open soon)

SUBMISSION OF THE PRE-REGISTRATION FORM

All *potential* participants are recommended to submit a *Pre-registration form*, not later than **August 15, 2017**, to the website: <http://www.worth8.org>.

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 Call for Papers and also its electronic file can be obtained upon request by the website. If participants need an individual invitation letter from WORTH-8 for Visa, it will be issued by Secretariat (registration@worth8.org). The notary service fee must be paid by you. However, the invitation from the WORTH-8 implies no obligation for visa.

REGISTRATION FEES

Registration fee for KNS/CNS members : 500,000KRW (3,000CNY)
Registration fee for Students : 250,000KRW (1,500CNY)

Registration fees should be sent to our bank account via a bank transfer* by **September 30, 2017**. However, we can accept cash (*Korea Won* only) at the registration desk. Registration fees include a set of Workshop Proceedings, banquet.

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

WORKSHOP VENUE

The MVL, Yeosu, KOREA



Address : 111, Odongdo-ro, Yeosu-si, Jeollanam-do (332-15, Sujeong-dong)

Tel : +82-61-660-5800

Website : <http://www.mvlhotel.com/daemyung.mvl.yeosu.eng.main.ds/dmparse.dm>

How to get to the Venue

AIRPLANE Yeosu Airport → The MVL Hotel Yeosu

Taxi: take about 30 minutes (Taxi fare about 21,000KRW)

Bus: take about 60 minutes

- ① Take city bus No. 32, 33, 35 > Take off at 'Bus Terminal'
- ② Transfer to city bus No. 333 > Take off at 'MVL Hotel'

Airport Bus: take about 60 minutes

- ① Take airport bus > Take off at 'Yisunsin-gwangjang'
- ② Transfer to city bus No. 2 > Take off at 'MVL Hotel'

TRAIN Yeosu EXPO Station → The MVL Hotel Yeosu

Taxi: take about 5 minutes (Taxi fare about 3,000KRW)

Bus: take about 10 minutes (Take city bus No.2 > Take off at 'MVL Hotel')

EXPRESS BUS Yeosu Bus Terminal → The MVL Hotel Yeosu

Taxi: take about 10 minutes (Taxi fare about 5,000KRW)

Bus: take about 10 minutes (Take city bus No.333 > Take off at 'MVL Hotel')

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) under the umbrella agreements between Chinese and Korean governments for the JCNE (Joint Committee on Nuclear Energy) since 2001. Cooperation item B-2 is coordinated by KAERI, KINS, NPIC and XJTU, and CIAE. The WORTH-8 will be held in Yeosu, Korea, October 22~24, 2017.

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 Pakistan. 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). 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). The sixth workshop (WORTH-6) was held in Busan, Korea on April 11~13, 2013 with the presentation of 86 papers from 19 organizations (including 10 Chinese organizations). And the seventh workshop (WORTH-7) was held in Kunming, China on Oct. 14~17, 2015 with the presentation of 116 papers from more than 130 researchers from both countries.