

# NTHAS14



**14th Japan-Korea Symposium on Nuclear Thermal Hydraulics and Safety**  
**November 22-25, 2026, Yokohama Port Opening Memorial Hall, Yokohama, Japan**

## ***Call for Papers***

**This is the second announcement and Call for Papers for the 14th Japan-Korea Symposium on Nuclear Thermal Hydraulics and Safety to be held in Yokohama, Japan, November 22-25, 2026 at Yokohama Port Memorial Hall. Online abstract submission now opens at the symposium website.**

## **About NTHAS**

Japan and Korea are the two leading countries designing and building up-to-date nuclear power plants in the World. In the hopes to contribute to the nuclear system performance with enhanced safety, the thermal-hydraulics divisions of Atomic Energy Society of Japan and Korean Nuclear Society initiated a biennial symposium program across the sea: Japan-Korea Symposium on Nuclear Thermal Hydraulics and Safety (NTHAS). Since the first symposium (NTHAS1) in Busan, Korea in 1998, NTHAS has provided a unique opportunity to discuss up-to-date technical information and to interact with colleagues from the neighboring countries. The second to ninth meetings were held in Fukuoka (2000), Gyeongju (2002), Sapporo (2004), Jeju (2006), Okinawa (2008), Chuncheon (2010), Beppu (2012), Buyeo (2014), Kyoto (2016), Busan (2018), Miyazaki (2022), and Seoul (2024) with great success in technical quality and number of participants. In 2026, the 14th Japan-Korea Symposium on Nuclear Thermal Hydraulics and Safety (NTHAS14) will be held in Yokohama, Japan. The official language of the symposium is English.

## ***Sponsors***

Atomic Energy Society of Japan (AESJ)  
Korean Nuclear Society (KNS)

## ***Organizers***

Thermal-Hydraulics Divisions of AESJ and KNS

## **Invitation to Submit**

The NTHAS14 Technical Program Committee is calling for contributed papers on nuclear thermal hydraulics and safety in the following general subject areas:

- Thermal Hydraulics Fundamentals
- Two-Phase Flow Experiments and Analysis
- CHF and Post-CHF Heat Transfer
- Instrumentation and Measurement Techniques
- Fluid-Structure interactions
- Computational Fluid Dynamics and Heat Transfer
- Code Development and V&V
- Severe Accident Experiments and Analysis
- Hydrogen Behavior and Combustion
- Water Reactor Thermal Hydraulics and Safety
- Liquid Metal Reactor Thermal Hydraulics and Safety
- Gas Cooled Reactor Thermal Hydraulics and Safety
- Fusion Reactor Thermal Hydraulics and Safety
- Thermal Hydraulic Aspects of Plant Operation
- Heat Exchanger Design and Turbomachinery
- Probabilistic Safety Assessment (PSA)

## **Abstract Submission**

Abstract submission is now open. Authors should submit their abstracts of 400 to 500 words by **April 10, 2026** through the symposium website. The Technical Program Committee will referee the submitted abstracts and select the papers to be presented at the symposium. Authors will be notified of selection by May 1, 2026. The authors are required to submit either a full-paper (maximum 12 pages) or an extended abstract (maximum 4 pages) according to their preference. Draft papers will be required by June 12, 2026, for review.

## **Key Deadlines**

Abstract submission .....	April 10, 2026
Notification of abstract acceptance .....	May 1, 2026
Draft paper submission for review .....	June 12, 2026
Notification of paper acceptance .....	August 7, 2026
Final paper submission .....	September 4, 2026

**[www.nthas14.org](http://www.nthas14.org)**

# NTHAS14



## 14th Japan-Korea Symposium on Nuclear Thermal Hydraulics and Safety

November 22-25, 2026, Yokohama Port Opening Memorial Hall, Yokohama, Japan

### Registration

Online registration will open at the symposium website. Fees for registration are as follows:

	Early bird (by <b>September 30, 2026</b> )	Regular fee
AESJ/KNS members	JPY 80,000	JPY 90,000
Non-members	JPY 90,000	JPY 100,000
Students	JPY 20,000	JPY 30,000
Accompanying Person	JPY 5,000	

The fees include the proceedings and coffee breaks during the symposium as well as welcome reception. The symposium banquet is separated, and put in from the web site.

### Student Seminar

In advance of NTHAS14, a two-day student seminar providing a playground for learning, information exchange and human networking will be held in Yokohama Port Opening Memorial Hall on November 20-22, 2026. The researchers and engineers in the next generation are welcomed. The students attending the seminar will have a chance to learn the most advanced and up-to-date information about the nuclear thermal-hydraulics, as well as a privilege to expand human network through seminar activities. The detailed information will appear at the symposium website.

### Symposium Information

[www.nthas14.org](http://www.nthas14.org)

#### **Technical Program Committee**

Dr. Hiroyuki Yoshida, JAEA  
e-mail: [tpc-nthas14@eel.mi.uec.ac.jp](mailto:tpc-nthas14@eel.mi.uec.ac.jp)

#### **Local Organization Committee**

Prof. Shoji Mori, Kyushu Univ.  
e-mail: [info-nthas14@eel.mi.uec.ac.jp](mailto:info-nthas14@eel.mi.uec.ac.jp)

#### **Student Seminar**

Prof. Jang Sunghyon, Hokkaido Univ.  
e-mail: [studentseminar-nthas14@eel.mi.uec.ac.jp](mailto:studentseminar-nthas14@eel.mi.uec.ac.jp)

### Organization

Honorary Chairs ..... Prof. Akira Yamaguchi, Univ. of Tokyo  
Prof. Bum-Jin Chung, Kyung Hee Univ.  
General Chairs ..... Prof. Koji Morita, Kyushu Univ.  
Prof. Han Young Yoon, KINGS  
Steering Committee Chairs .....  
Dr. Chikako Iwaki, Toshiba Co. Ltd.  
Dr. Han Gon Kim, i-SMR Dev. Agency  
Technical Program Committee Chairs .....  
Dr. Hiroyuki Yoshida, JAEA  
Dr. Ki-Yong Choi, KAERI  
Local Organization Committee Chairs .....  
Prof. Shoji Mori, Kyushu Univ.  
Prof. Sung Joong Kim, Hanyang Univ.

### Symposium Venue

Yokohama Port Opening Memorial Hall

<https://www.kaikokinenkaikan.com/>

Yokohama Port Opening Memorial Hall is located near JR Kanai station. Yokohama city is well known as an international tourist destination for the most abundant historical place in Japan.

