

The 13th AESJ-KNS Joint Summer School for Students and Young Researchers on Nuclear Thermal Hydraulics and Safety

November 20-22, 2026 | Yokohama Port Opening Memorial Hall, Yokohama, Japan

CALL FOR PAPERS

This is the first announcement and Call for Papers for the 13th AESJ-KNS Joint Summer School for Students and Young Researchers on Nuclear Thermal Hydraulics and Safety, to be held in Yokohama, Japan, November 20-22, 2026 at Yokohama Port Opening Memorial Hall.

Scope & Objective

Under an information exchange program for students and young researchers by AESJ and KNS, the 1st to 7th Student Seminars were held in Busan (2006), Okinawa (2008), Daejeon (2010), Beppu (2012), Gyeongju (2014), Nara (2016), and Busan (2018). The 8th seminar was held at Phoenix Seagaia Resort, Miyazaki in 2022, and the 9th took place at Seoul National University in 2024.

We are pleased to announce that the 13th Joint Summer School (10th Student Seminar) will be held in Yokohama in 2026. The seminar provides a “playground” for learning, information exchange, and human networking. We warmly welcome researchers and engineers of the next generation.

Sponsors: Atomic Energy Society of Japan (AESJ), Korean Nuclear Society (KNS)

Organizers: Thermal-Hydraulics Divisions of AESJ and KNS



Presentation Topics

We invite presentations on various topics related to nuclear thermal-hydraulics and safety, including but not limited to:

- Fundamental Thermal-Hydraulics (Single/Multiphase flow, Boiling, etc.)
- Nuclear Reactor Safety & Risk Assessment (SMRs, Severe Accidents)
- Numerical Analysis & Simulation (CFD, Particle Methods, etc.)
- Advanced Measurement Techniques

Presentation Format

- **3-Minute Poster Pitch:** Brief oral presentation to capture attention and summarize your work.
- **Poster Presentation:** 90-minute session. A0 size poster required.
- **Awards:** Excellent presentations will be selected for awards.

Key Deadlines

Seminar Application
Including abstract submission (within 400 words)
June 15th, 2026

Notification of Acceptance
July 15th, 2026

Application Form

<https://forms.cloud.microsoft/r/XPv1mflswk>

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Registration

- **Registration Method:** Complete online via <https://forms.cloud.microsoft/r/XPv1mfLswK>

- **Registration Fee:** Free of Charge

Inquiry: jang@eng.hokudai.ac.jp

Scan to register



Support for Korean Participants

With the generous support of the Thermal-Fluid Dynamics Division of AESJ, accommodation for two nights will be provided for student participants from the Korean side. Room assignment details will be provided upon notice of acceptance.

Organization Committee

Prof. Sunghyon Jang — Hokkaido University

Dr. Shota Ueda — CRIEPI

Dr. Tomohiro Kamiya — JAEA

Dr. Shu Soma — JAEA

Dr. Kyoungmo Kim — KEN TEC

Symposium Venue

Yokohama Port Opening Memorial Hall

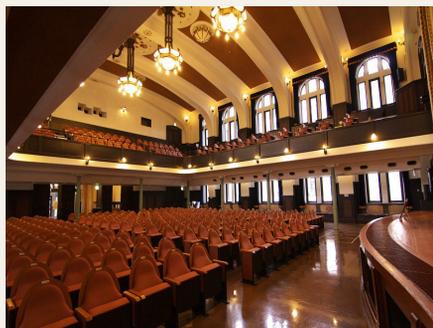
Near JR Kanai Station. Yokohama is one of Japan's most celebrated international cities.

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

Tentative Schedule

Nov 20 (Friday)	
12:00 - 13:30	Registration at Venue
13:30 - 17:30	Technical Tour
Nov 21 (Saturday)	
9:30 - 10:30	Keynote Lecture A (Japan)
10:30 - 10:45	Coffee Break
10:45 - 11:45	Keynote Lecture B (Korea)
11:45 - 13:00	Lunch
13:00 - 14:00	Short Presentation A
14:00 - 15:30	Poster Session A
15:30 - 15:45	Coffee Break
15:45 - 16:45	Short Presentation B
16:45 - 18:15	Poster Session B
18:30 ~	Welcome Dinner
Nov 22 (Sunday)	
9:30 - 10:30	Keynote Lecture C (Korea)
10:30 - 10:45	Coffee Break
10:45 - 11:45	Keynote Lecture D (Japan)
11:45 ~	Closing Ceremony

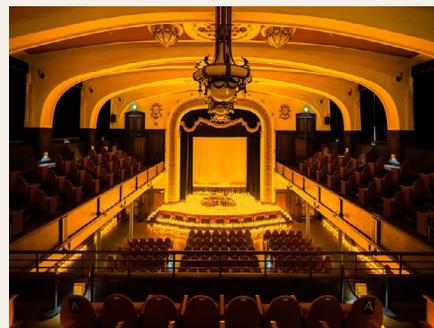
Venue Gallery



Main Hall



Yokohama Port Opening Memorial Hall



Grand Hall Interior