2nd Call for Papers

ICNC 2023 SENDAI

October 1st - 6th, 2023

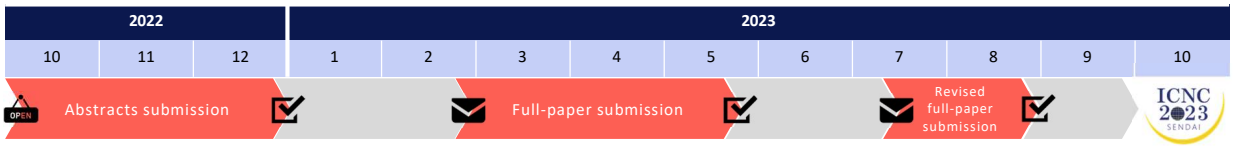
Sendai International Center, Miyagi, Japan

The 12th International Conference on Nuclear Criticality Safety

The 12th International Conference on Nuclear Criticality Safety (ICNC) will be held in Sendai, Japan, in October 2023. Twenty years after the last conference in Japan, which was held in Tokai-mura as the 7th ICNC, the Japanese criticality safety community has the privilege of hosting ICNC again. ICNC has been held every four years under the support of the Nuclear Energy Agency of OECD and provided a great opportunity for the communication among researchers, engineers, plant operators, students and regulators related to criticality safety.

Photo courtesy of Miyagi Prefecture Tourism Promotion Division

Key Dates



Sep 30th , 2022 Open for abstract submission

Dec 30th, 2022 Deadline of abstract submission

Feb 24th, 2023 Notification to authors

May 19th, 2023 Deadline of full-paper submission

Jul 14th, 2023 Final notification to authors

Aug 25th, 2023 Deadline of revised full-paper submission

Oct 1st-6th, 2023 ICNC 2023

Committee

General Chair

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Tomohiro Endo (Nagoya univ.)

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Logo Design

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Local Arrangements

JTB Corp. SENDAI Branch

Technical Areas

Track List:

1. Codes and Other Calculation Methods
2. Nuclear Data
3. Uncertainty and Sensitivity Analysis
4. Measurements, Experiments, and Benchmarks
5. Standards, Assessment Methodology, Regulations
6. Operational Practices and Safety Cases
7. Storage, Transport, and Disposal Issues
8. Criticality Accidents and Incidents
9. Professional Development Issues and Training
10. Future Challenges

Special Sessions:

S-1. Fukushima Dai-ichi Nuclear Power Plant
Research on criticality safety management, accidents, analysis of fuel debris, issues on the retrieval work, storage, transport, disposal of fuel debris, and so on.

S-2. Machine Learning, Deep Learning
Brand new approaches of the criticality safety management using machine learning and deep learning techniques.

Conference venue

Sendai International Center

Sendai, Miyagi, Japan

Events

Technical tours are planned to visit nuclear facilities (NPPs, Research institution, etc.) in Japan. Workshops, e.g., nuclear code training, are also planned. Details will be announced later in our website.

Photo courtesy of Miyagi Prefecture Tourism Promotion Division

Please visit and bookmark our website for more information.
< https://icnc2023.jaea.go.jp >

Feel free to send message to administration secretary office.
< icnc2023@jaea.go.jp >

Organized by JAEA Co-organized by NEA NUCLEAR ENERGY AGENCY ATOMIC ENERGY SOCIETY OF JAPAN

Administrated by ICNC2023 organizing committee