



3rd **CALL FOR PAPERS**

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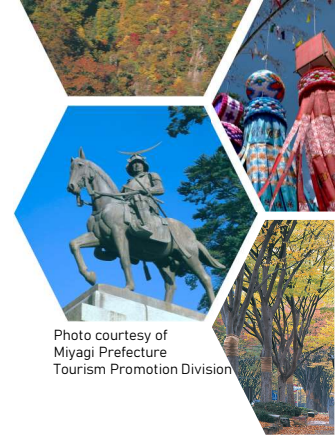


Photo courtesy of Miyagi Prefecture Tourism Promotion Division

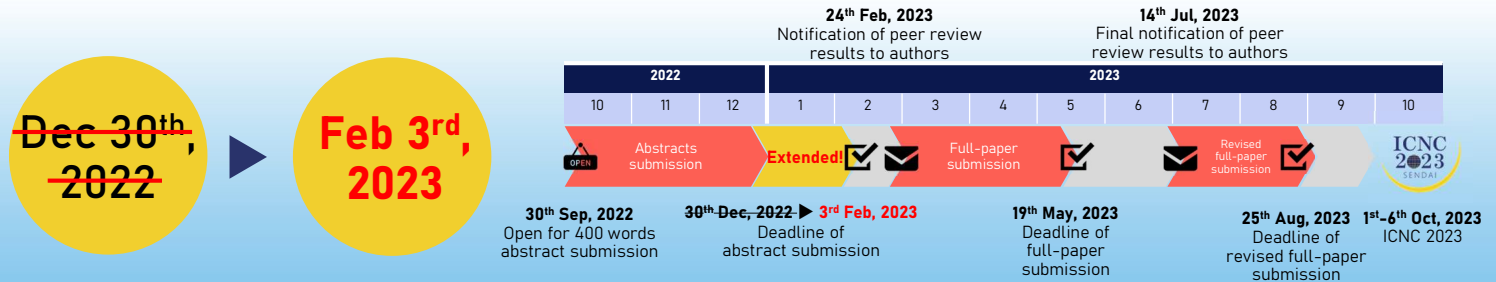
THE 12TH INTERNATIONAL CONFERENCE ON NUCLEAR CRITICALITY SAFETY

October 1st - 6th, 2023

Sendai International Center, Miyagi, Japan

The 12th International Conference on Nuclear Criticality Safety (ICNC) will be held in Sendai, Japan on October, 2023. Twenty years after the last conference in Japan, which was held in Tokai-mura as the 7th ICNC, Japanese criticality safety community has the privilege of hosting ICNC again. ICNC has been held every 4 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.

Abstract Submission Deadline Extension



Committee



Representative of Organizer
Hiroyuki OIGAWA
JAEA, Executive Director



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Ken NAKAJIMA
Kyoto University, Professor

Technical Program Chair
Tomohiro ENDO (Nagoya univ.)

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Website/Flyer
Kodai FUKUDA (JAEA)

Logo Design
Rima OHUCHI (JAEA)

Local Arrangements
JTB Corp. SENDAI Branch

Technical Areas

Track List:

- Codes and Other Calculation Methods
- Nuclear Data
- Uncertainty and Sensitivity Analysis
- Measurements, Experiments and Benchmarks
- Standards, Assessment Methodology, Regulations
- Operational Practices and Safety Cases
- Storage, Transport, and Disposal Issues
- Criticality Accidents and Incidents
- Professional Development Issues and Training
- 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.

Submission & Registration

All information on submission, registration fees, etc. is available on our website. You can also download abstract and full paper formats.

Conference Venue

Sendai International Center
Sendai, Miyagi, Japan



Sendai



Access information



Sendai International Center's official website

Events

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

Contact

Feel free to send messages to the administration secretary's office.
< icnc2023@jaea.go.jp >

