Organized by JAEA Co-organized by NEA NUCLEAR ENERGY AGENCY

ICNC 2023 SENDAI

3rd CALL FOR PAPERS

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https://icnc2023.jaea.go.jp

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

~~Dec 30th, 2022~~ ▶ Feb 3rd, 2023

Committee

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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

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.

Submission & Registration

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

Contact

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

Administrated by ICNC2023 organizing committee