

1st
Call for Papers



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.

General chair

Ken Nakajima (Kyoto univ.)

Technical Program Chair

Tomohiro Endo (Nagoya univ.)

Key Dates (Tentative)

- Open for 400 words abstract submission
September, 2022
- Deadline of abstract submission
December, 2022
- Notification to authors
February, 2023
- Deadline of full-paper submission
May, 2023
- Final notification to authors
July, 2023
- Deadline of revised full-paper submission
August, 2023

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
- S-2. Machine Learning, Deep Learning

Conference venue

Sendai International Center

Sendai, Miyagi, Japan



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



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