



ISOFIC 2024 CALL FOR PAPERS

December 3 (Tue) - 6 (Fri), 2024 | Booyoung Hotel & Resort Jeju, Korea

Following the success of the first conference in 2002 in Seoul, Korea, the international conference, ISOFIC (International Symposium on Future I&C for Nuclear Power Plants), has been held every three years. We are proud to announce that ISOFIC 2024 will be held on December 3-6, 2024 at Booyoung Resort in Jeju, Korea. The ISOFIC 2024 promotes academic and practical information exchanges mainly on the topics of innovative Instrumentation and Control (I&C), and human-system interface technologies. The scope of the conference includes, but not limited to, the following areas:

- Advanced I&C technologies for Nuclear Applications
- Artificial Intelligence Applications to Surveillance, Diagnostics, Prognostics, and Control
- Automation and Autonomous Operation
- Common Cause Failures (CCFs)
- Cyber Security
- Digital Twins
- Human Factors Engineering
- Human Reliability Analysis
- Human-System Interface Design
- I&C for Advanced Reactors and Small Modular Reactors (SMRs)
- I&C for Decommissioning of Reactor Technologies
- Modernization of I&C and Control Room
- Resilience Engineering
- Robotics and Automatic Remote Technologies
- Safety Critical Software Development and Qualification
- Safety Culture
- Sensing, Processing, and Communication
- Surveillance, Diagnostics, and Prognostics
- System Reliability and Risk
- System Simulation Technologies
- Testing, Maintenance, and On-line Monitoring
- Wireless Technologies in Nuclear Applications

More details about the conference can be seen in the website (<http://www.isofic.org>). Selected papers will be considered for publication in a special issue of the international journal of **Nuclear Engineering and Technology** after the conference.

IMPORTANT DATES

Abstract submission deadline(extended):	June 30, 2024
Abstract acceptance notification:	July 15, 2024
Full paper submission deadline:	October 15, 2024
Early registration deadline:	October 31, 2024
Conference convened:	December 3~6, 2024

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