



ICONE 27
27th International Conference
on Nuclear Engineering



2019

CONFERENCE

May 19-24, 2019

Tsukuba International Congress Center,
Tsukuba, Ibaraki, Japan

“Nuclear Power Saves the World”

Call for Papers

About ICONE

The International Conference on Nuclear Engineering (ICONE) is the premier global conference held by the contribution of numerous professionals from companies, governments, academies and technical societies. The focus of ICONE is on the technical state-of-the-art and the current status of nuclear power around the world. Through the ICONE student program, the conference also fosters the development of future nuclear professionals.

The Japan Society of Mechanical Engineers (JSME), American Society of Mechanical Engineers (ASME) and Chinese Nuclear Society (CNS) are jointly organizing the 27th International Conference on Nuclear Engineering (ICONE27) in 2019 at Tsukuba, Ibaraki, Japan, a follow-up to the successful meetings held in Tokyo (1991), San Francisco (1993), Kyoto (1995), New Orleans (1996), Nice (1997), San Diego (1998), Tokyo (1999), Baltimore (2000), Nice (2001), Washington (2002), Tokyo (2003), Washington (2004), Beijing (2005), Miami (2006), Nagoya (2007), Orlando (2008), Brussels (2009), Xi'an (2010), Osaka (2011), Anaheim (2012), Chengdu (2013), Prague (2014), Makhuri (2015), Charlotte (2016), Shanghai (2017), and London (2018).

<http://www.icone27.org/>



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Topics of Interest

A wide range of topics related to nuclear engineering will be covered, in particular, the conference will cover (but not limited to) the following topics. **Keynote, Plenary, and Panel Sessions Workshops**

Technical Sessions

- Track 1** Operations & Maintenance, Engineering, Modifications, Life extension, Life Cycle and Balance of Plant
- Track 2** Nuclear Fuel and Material, Reactor Physics and Transport Theory
- Track 3** Plant Systems, Structures, Components and Materials
- Track 4** Instrumentation and Control (I&C) and Influence of Human Factors
- Track 5** Advanced Reactors and Fusion Technologies
- Track 6** Nuclear Safety, Security, and Cyber Security
- Track 7** Codes, Standards, Licensing, and Regulatory Issues
- Track 8** Thermal-Hydraulics and Safety Analyses
- Track 9** Computational Fluid Dynamics (CFD)
- Track 10** Decontamination & Decommissioning, Radiation Protection, and Waste Management
- Track 11** Mitigation Strategies for Beyond Design Basis Events
- Track 12** Nuclear Education and Public Acceptance
- Track 13** Innovative Nuclear Power Plant Design and SMRs
- Track 14** Risk Assessments and Management
- Track 15** Computer Code Verification and Validation
- Track 16** Student Paper Competition

Publication Schedule: Technical Paper

- September 28, 2018** Submission of Abstract
- October 26, 2018** Author Notification of Abstract Acceptance
- November 30, 2018** Submission of Full-Length Draft Paper for Review
- January 18, 2019** Author Notification of Draft Paper Acceptance
- February 1, 2019** Submission of Revised Paper
- February 15, 2019** Author Notification of Revised Paper Acceptance
- March 1, 2019** Submission of Copyright Agreement
- March 1, 2019** Submission of Final Accepted Paper
- March 1, 2019** Author Registration

Publication Schedule: Presentation Only (No Publication)

- February 1, 2019** Submission of Extended Abstract
- February 15, 2019** Author Notification of Extended Abstract Acceptance
- March 1, 2019** Submission of Final Extended Abstract
- March 1, 2019** Author Registration

Elsevier Index / Special issue in MEJ

The Elsevier indexes (Scopus and Compendex) will be given to the papers included in the ICONE27 proceedings.

Special issue of ICONE27 will be published in Mechanical Engineering Journal (JSME). Details will be announced in the conference website.

Sponsored by JSME, ASME, CNS

Conference Chair Person

Prof. Koji Okamoto (The University of Tokyo)

Contact Information

The Japan Society of Mechanical Engineers (JSME)

E-mail: info@icone27.org (General)

Conference website: <http://www.icone27.org/>

Conference Venue

(Tsukuba International Congress Center)

