



ICONNE27

“Nuclear Power Saves the World!”

27th International Conference on Nuclear Engineering

May 19-24, 2019

Tsukuba International Congress Center, Tsukuba, Ibaraki, Japan

Call for Papers



About ICONNE

The International Conference on Nuclear Engineering (ICONNE) is the premier global conference held by the contribution of numerous professionals from companies, governments, academies and technical societies. The focus of ICONNE is on the technical state-of-the-art and the current status of nuclear power around the world. Through the ICONNE 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 (ICONNE27) 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), Makhari (2015), Charlotte (2016), Shanghai (2017), and London (2018).

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]

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

[Presentation Only (No Publication)]

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

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)

