



ISONEES2027

1st International symposium on Nuclear Engineering and Energy Systems

Organized by Japan Society of Mechanical Engineers (JSME)



**May 16-20, 2027, Fukuoka International Congress Center,
Fukuoka, Japan**

Call for Papers

<https://www.isonees2027.org/>



Submission of Abstract Deadline: August 31, 2026

The International symposium on Nuclear Engineering and Energy Systems (ISONEES2027) is a brand-new international symposium to contribute to the sustained development and advancement of nuclear engineering, in anticipation of the serious energy and environmental challenges expected toward the end of this century.

ISONEES2027 focuses on being a forum for gathering information on the world's most advanced technologies, a platform for introducing cutting-edge technologies to the international community, and securing and developing the talent that will support the future of nuclear energy.

Symposium Venue:

Fukuoka International Congress Center
<https://www.marinemesse.or.jp/eng/congress/>

Contact Information:

The Japan Society of Mechanical Engineers(JSME)

E-mail: info@isonees2027.org (General)



Topics of Interest

The symposium will cover (but not limited to) a wide range of topics related to nuclear engineering and energy systems as in the following.

- Keynote, Plenary, Panel Sessions
- Technical Sessions

Track 1: Current Reactors

Operation and Maintenance, Regulation and Risk Assessment, Supply Chain, etc.

Track 2: Future Reactors

Generation IV Reactor, SMR and Micro Reactor, Fusion Reactor, Regulation and Risk Assessment, etc.

Track 3: Fundamental Technology

Reactor Physics, Thermal-hydraulics, Material and Structure, etc.

Track 4: Fuel Cycle and Back-End

Fuel Cycle, Back-End, etc.

Track 5: Energy Systems

Energy mix, Economy, etc.

Track 6: Young Generation

Track 7: General Issues

Communication, Decision Making (RIDM)

Publication Schedule

- Submission of Abstract **August 31, 2026**
- Author Notification of Abstract Acceptance **September 30, 2026**
- Submission of Draft Paper/Extended Abstract **November 30, 2026**
- Author Notification of Draft paper/Extend Abstract Acceptance **February 15, 2027**
- Submission of Final Paper/Extend Abstract (including Copyright Agreement and Author Registration) **March 31, 2027**

Elsevier Index / Special issue in MEJ

- The Elsevier indexes (Scopus and Compendex) will be given to the papers included in the ISONEES2027 proceedings.
- Special issue of ISONEES2027 will be published in Mechanical Engineering Journal (JSME). Details will be announced in the symposium website.

Organization

- Honorary Chair Prof. Koji Okamoto (UTokyo)
- General Chair Prof. Tomio Okawa (UEC)
- International Advisory Borad Chair Prof. Tetsuaki Takeda (Yamanashi Univ.)
- Local Executive Committee Chair Prof. Masamichi Kohno (Kyushu Univ.)
- Technical Program Committee Chair Prof. Takashi Takata (UTokyo)
- Young Generation Committee Chair Prof. Satoshi Takeda (UOsaka)