



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: October 25, 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

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| ● Submission of Abstract | <u>October 25, 2026</u> |
| ● Author Notification of Abstract Acceptance | <u>November 15, 2026</u> |
| ● Submission of Draft Paper/Extended Abstract | <u>December 31, 2026</u> |
| ● Author Notification of Draft paper/Extend Abstract Acceptance | <u>February 28, 2027</u> |
| ● Submission of Final Paper/Extend Abstract (including Copyright Agreement and Author Registration) | <u>April 15, 2027</u> |

Elsevier Index / Special issue in MEJ, NED and NT

- The Elsevier indexes (Scopus and Compendex) will be given to the papers included in the ISONEES2027 proceedings.
- Special issues of ISONEES2027 are planned in the Mechanical Engineering Journal (MEJ), Nuclear Technology (NT), and Nuclear Engineering and Design (NED). Details will be announced on the symposium website.

Organization

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| ● Honorary Chair | Prof. Koji Okamoto (UTokyo) |
| ● General Chair | Prof. Tomio Okawa (UEC) |
| ● International Advisory Board 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) |