



PBNC 2026

Busan, Republic of Korea | BEXCO

April 22-24, 2026

Pacific Basin Nuclear Conference 2026 ***in conjunction with KAP Conference*** ***“Nuclear Energy for AI-Powered World”***

The meeting is hosted and organized by the Pacific Nuclear Council (PNC), the Korea Atomic Industrial Forum (KAIF), and the Korean Nuclear Society (KNS).

Conference Website: <http://pbnc2026.org>

EXECUTIVE CHAIRS

General Chair

Jaejoo Ha (President of Pacific Nuclear Council)

Technical Program Chair

Sung-Min Choi (President-elect of Korean Nuclear Society, Korea Advanced Institute of Science and Technology)

CALL FOR PAPERS

ABSTRACTS SUBMISSION DEADLINE: November 30, 2025

1st Submission of Abstracts: November 9, 2025

1st Author Notification of Acceptance: November 28, 2025

Abstract Submission Deadline (Extended): **November 30, 2025**

Author Notification of Acceptance (Extended): December 19, 2025

Full Paper Submission (Extended): February 6, 2026

Full Paper Review Notification: February 27, 2026

Final Paper Submission: March 16, 2026

CONFERENCE FOCUS

The Pacific Basin Nuclear Conference is a broad-based, international conference focused on areas of nuclear technology, engineering and science, and policy issues that accompany nuclear energy programs throughout the Pacific Rim, including achieving AI-powered world and net-zero goals with nuclear.

FORMATS, PRESENTATIONS, AND PUBLISHING

There are two options for submittal, using the paper submission and review system:



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1) Full Paper Oral Presentation

Submit a 1-page abstract first. If accepted, you will submit a full paper which should be a maximum of 10 pages (references and acknowledgements are counted as pages) and will provide a 20-minute presentation at the conference.

2) Poster Presentation

Submit a 1-page abstract only. If accepted, you will provide a poster presentation at the conference. For this option, you will not submit a full paper later.

1. [Use the provided templates for abstracts and full papers, which you can find at the conference website.](#)
2. Abstracts and full papers must be submitted as Adobe Acrobat PDF documents. After you save your document as a PDF, verify that it still meets the page-length requirements.
3. Do not use all capital letters for the title or any part of any authors' names. For the title of the abstract or full paper, Capitalize the First Letter of Major Words. Author names should be First Name or Initial(s) followed by Last Name.
5. The names of all authors should be entered into the Authors page in the EPSR. List the authors in the same order in which their names appear on the abstract or full paper.
6. Do not use page numbers, headers, or footers. Do not save your PDF as "read only."
7. Keep the bottom margin clear so there is space for page number.

All accepted and presented abstracts, and full papers will be included in the conference proceedings, which can be downloaded from the official conference website (Registration required).

English is the official language of the conference.

TECHNICAL TRACKS

1. AI Applications for Nuclear Innovation
2. Advanced Reactors
3. Water-Cooled SMRs
4. Marine Nuclear Power
5. Innovative Operation and Maintenance
6. Nuclear Safety, Security, and Regulatory Compliance
7. Modeling and Simulation
8. Nuclear Fuel and Materials
9. Waste Management, Spent Fuel & Decommissioning
10. Nuclear Hydrogen and Other Integrated Applications
11. Public Acceptance, Human Resources & Knowledge Management
12. Nuclear Economics and Policy



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EXHIBITION

There will be an exhibition provided for companies, agencies or associations who wish to display their products and services.

HISTORY

This international conference is focused on areas of nuclear energy, engineering and science and policy issues that accompany nuclear energy programs throughout the Pacific Rim. The first meeting was held in 1976 in Honolulu, Hawaii, USA. Subsequent meetings have been held about every two years under the joint sponsorship of the Pacific Nuclear Council (PNC) and a sponsoring PNC Member Society. The conferences have played a vital role in providing for discussion and information relating to both research and development and to the implementation of nuclear energy technology in the Pacific Basin. The Pacific Nuclear Council is composed primarily of nuclear societies and associations from nations around the Pacific Rim. The council exists to share information and best practices on the peaceful use of nuclear energy. Today, the council has working groups and task forces addressing waste management, advanced reactors, standards, and public information programs. The council also co-sponsors the biennial Pacific Basin Nuclear Conference.

