

ANS[®] CALL FOR PAPERS

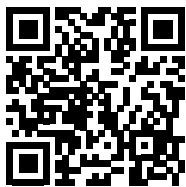
2025 Advances in Nuclear Nonproliferation Technology and Policy Conference (ANTPC 2025)

EMBEDDED IN THE 2025 ANS WINTER CONFERENCE AND EXPO

November 9–12, 2025 | Washington, DC | Washington Hilton

SUBMIT A SUMMARY

<https://epsr.ans.org/meeting/?m=440>



PROGRAM SPECIALIST

Isabel Brinker
708-579-8290 | ibrinker@ans.org

EXECUTIVE CHAIRS

General Chair
Thomas Hanlon, Y-12

Technical Program Chair
Jim Behrens, USN (ret)

Assistant Program Chairs
Haori Yang, Oregon State University
Sunil Chirayath, ORNL

SUMMARY DEADLINE: JUNE 24, 2025

**SUBMISSION OF SUMMARIES
(NO EXTENSIONS)**
JUNE 24, 2025

**AUTHOR NOTIFICATION OF
ACCEPTANCE**
JULY 21, 2025

**REVISED SUMMARIES
DUE**
JULY 31, 2025

CONFERENCE PURPOSE

The Advances in Nonproliferation Technology and Policy Conference (ANTPC) is sponsored by the Nuclear Nonproliferation Policy Division (NNPD) of the American Nuclear Society (ANS) and seeks to promote the peaceful use of nuclear technology while simultaneously preventing the diversion and misuse of nuclear material and technology through appropriate safeguards and security and promotion of nuclear nonproliferation policies.

GUIDELINES FOR SUMMARIES

Submissions should contain new data and investigations in scientific or program areas that are of general interest, address problems of interdisciplinary significance, or include in-depth discussions of scientific and technical issues or waste management regulatory and policy issues. Summaries are presented orally at the conference, and presenters are expected to register for the conference. All submissions must be in English. Non-U.S. attendees requesting a visa invitation letter: registrar@ans.org.

Summaries should be a maximum of four (4) pages and a minimum of one (1) page; references, tables, figures, and acknowledgements are counted as pages. Authors will be billed a per page charge of \$100 for all pages over four.

General guidance for Summary Content:

1. Introduction: State the purpose of the work.
2. Description of the actual work: Must be new and significant.
3. Results: Discuss their significance.
4. References: If any, must be closely related published works. Minimize the number of references.
5. Do not present a bibliographical listing.
6. If a disclaimer is required (e.g., relating to the author's employer), it is the author's responsibility to include the disclaimer in the summary as either an end-of-summary note (preferred) or footnote. Please ensure such footnotes do not interfere with the bottom margin, and do not format disclaimers as headers or footers.

See p. 2 for formatting & publishing guidelines and subject categories.

FORMATTING AND PUBLISHING

1. Use the provided template for summaries. <https://www.ans.org/pubs/transactions/>
2. Summaries 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. Limit the title to ten words if possible. Limit listing of authors to three or fewer if possible.
4. Do not use all capital letters for the title or any part of any authors' names. For the title of the summary, 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 summary. The conference program is derived from the information entered into the EPSR, not from the summary itself.
6. In the EPSR, authors' affiliations should match the affiliation provided on the summary itself. If an author has multiple affiliations, enter the ONE that should be included in the program and in the conference proceedings, assuming the summary is accepted.
7. Do not use page numbers, headers, or footers. Do not save your PDF as "read only."
8. Keep the bottom margin clear so there is space for the ANS-applied footer and page number.
9. All accepted and presented summaries will be included in the conference's proceedings, which will publish digitally shortly after the conference concludes.
10. Full papers based on summaries may be published elsewhere, but the summaries become the property of ANS. Under no circumstances should a summary be published in any other publication before presentation at the ANS conference. It is the author's responsibility to protect classified, export-controlled, or proprietary information.

SUBJECT CATEGORIES FOR PAPERS

The list of topics below is meant as guidance for areas of particular interest. Summaries in areas not specifically mentioned but part of the conference scope are encouraged. Contributions from international, next-generation experts, and university communities are highly encouraged.

- Nuclear Material Protection and Control
- Security and Physical Protection
- Cybersecurity of Nuclear Facilities
- Interfaces with Nuclear Safeguards
- Conversion of Civilian Facilities to non-HEU Technologies
- Role of Nuclear Forensics in Nuclear Material Out of Regulatory Control
- Nuclear Security Culture
- Nuclear Material Accountancy Methods
- Nondestructive and Destructive Assay Methods
- Nuclear Safeguards Monitoring for Verification
- Nuclear Nonproliferation Policy
- The Treaty on the Nonproliferation of Nuclear Weapons (NPT) Review Conference
- Small Quantity Protocol
- Proliferation Resistance and Risk Implications
- Nuclear Arms Control
- Export Control
- Nuclear Cooperation Agreement
- Analysis and Modeling Methods in Nonproliferation
- Computer Codes and Its Applications
- Data Science Methods
- Validation and Verification Methods
- Sensitivity and Uncertainty Analysis
- Nuclear Data Enhancements
- Nuclear Nonproliferation Challenges and the Fuel Cycle
- Safeguards Approaches for Advanced Nuclear Reactors
- Safeguards by Design
- Safeguards Technology Advancements
- Nonproliferation in Nuclear Fusion
- Human Capacity Building in Nuclear Nonproliferation
- University Curriculum Development and Research Initiatives
- International Training and Education
- Workforce Development