

ANS CALL FOR PAPERS

SUBMIT AN ABSTRACT OR FULL PAPER

epsr.ans.org/meeting/?m=441



PROGRAM SPECIALIST

Janet Davis

708-579-8253 | jdavis@ans.org

Nuclear and Emerging Technologies for Space (NETS 2025)

Powering Today's Ambitions to Reach Tomorrow's Realities

May 4-8, 2025 | Huntsville, AL | US Space and Rocket Center and the Marriott Hotel

General Chair

Tom Brown (MSFC)

Technical Program

Mike Houts, Chair

Peter Ma, Assistant Chair (MSFC)

Julia Cline (LaRC)

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Jamelle Williams (MSFC)

Jason Reynolds (MSFC)

Lee Mason (GRC)

Andy Presby (GRC)

Lindsay Kaldon (GRC)

ABSTRACTS OR FULL PAPERS DUE: NOVEMBER 12, 2024

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PAPERS DUE
NOVEMBER 12, 2024

AUTHOR NOTIFICATION OF
ACCEPTANCE
DECEMBER 20, 2024

FINAL ABSTRACTS OR FULL
PAPERS (WITH EDITS) DUE
JANUARY 21, 2025

ABOUT THE CONFERENCE

Papers and abstracts are solicited for the Nuclear Emerging Technologies for Space 2025, to be held on May 4-8, 2025 in Huntsville, AL. This event is organized by the American Nuclear Society (ANS) and hosted by Marshall Space Flight Center (MSFC). Authors and presenters are cordially invited to participate in this event to exchange ideas and knowledge, develop strong relationships across organizations, and establish collaborations to solve challenging problems. The concluding banquet will be held at the US Space and Rocket Center, under the Saturn IV.

FORMATS, PRESENTATIONS, AND PUBLISHING

Paper and abstract acceptance will be based upon originality of the work, strictly implemented methods or models, quality of results, and impact of the scientific advances to the field of Nuclear Emerging Technologies for Space.

There are two options for submittal, using the Electronic Paper Submittal and Review (EPSR) system:

1. Full Paper/Standard-Length Presentation Option

- Submit a full 4-8 page paper to the full-paper session in one of the tracks. If your paper is accepted, you will provide a standard-length presentation at the conference.
- Full papers should be a maximum of 8 pages; references and acknowledgements are counted as pages.
- There will be no page charges for papers that are 8 or fewer pages. If an exception is made and a paper with more than 8 pages is accepted, page charges of \$100/page may apply
- Submit your full paper by November 12; you will not submit an abstract first.

2. Abstract/Lightning Talk Option

- Submit a 1-page abstract to the Lightning Talk session in one of the tracks. If your abstract is accepted, you will provide a brief Lightning Talk at the conference. For this option, you will not submit a full paper later. Submit your abstract by November 12.

[Templates for abstracts and papers can be found on the NETS 2025 webpage.](#)

NETS 2025 will consist of four tracks; when you submit your paper or abstract, please indicate, via your choice in the EPSR system, which of the following tracks you prefer:

1. Fission Surface Power
2. Nuclear Thermal Propulsion
3. Nuclear Electric Propulsion
4. Radioisotope Power Systems

Please follow these formatting/submittal guidelines:

- Do not use all capital letters for the title or any part of any authors' names.
- For the title of the abstract or paper, Capitalize the First Letter of Major Words.
- Author names should be First Name or Initial(s) followed by Last Name.
- The names of all authors should be entered into the Authors page in the Electronic Paper Submission and Review (EPSR) portal. List the authors in the same order in which their names appear in the abstract or paper. Author information in the conference program is derived from the entries in the EPSR's Authors page.
- In the EPSR, authors' affiliations should match the affiliation provided on the abstract or paper itself. If an author has multiple affiliations, enter the ONE that should be included in the program, assuming the abstract or paper is accepted.
- Abstracts and papers must be submitted as Adobe Acrobat PDF documents.
- Do not use page numbers, headers, or footers.
- Do not save your PDF as "read only."
- Keep the bottom margin clear so there is space for the ANS-applied footer and page number.

All accepted and presented papers and abstracts will be published in the conference's proceedings. Authors of select papers will be invited to submit updated/expanded versions of their papers to a special edition of *Nuclear Technology* or *Nuclear Science and Engineering*. Submissions to the journals will undergo further peer review, with possible revisions required. Invitation is not a guarantee of acceptance.