



# Nuclear Emerging Technologies for Space 2023 (NETS 2023)

May 7-11, 2023 | Idaho Falls, Idaho | Snake River Event Center



## CALL FOR PAPERS

### General Chair

Stephen G. Johnson (INL)

### Assistant General Chairs

Andrew Zillmer (INL)

Amanda Robertson (LANL)

### Technical Program

Sebastian Corbisiero (INL), *Chair*

Austen Fradeneck (INL)

Sabah Bux (JPL)

Mike Houts (MSFC)

### Publications Chair

Sebastian Corbisiero (INL)

### Student Involvement

Young Lee (JPL), *Chair*

S. Nathan Gilliam (INL)

Sabah Bux (JPL)

Saroj Kumar (UAH)

## IMPORTANT DUE DATES

**FEBRUARY**

INITIAL ABSTRACTS OR FULL PAPERS SUBMITTED FOR REVIEW:  
**February 1, 2023**

**FEBRUARY**

REVIEWS COMPLETED AND AUTHORS NOTIFIED: **February 22, 2023**

**MARCH**

FINAL ABSTRACTS OR FULL PAPERS DUE: **March 8, 2023**

## ABOUT THE MEETING

Papers and abstracts are solicited for the **Nuclear Emerging Technologies for Space 2023**, to be held on **May 7-11, 2023 in Idaho Falls, Idaho** and organized by the American Nuclear Society. 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.

## 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 three options for submittal, using the Electronic Paper Submittal and Review (EPSR) system:

### Full Paper Presentation Option

- Submit a full 4-8 page paper. If 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.

### Abstract/Lightning Talk Option

- Submit a 1-page abstract only. If accepted, you will provide a brief Lightning Talk at the conference.

### Poster Exhibit Option (Students only)

- Submit a 1-page abstract describing your research. If accepted, you will bring and present a poster at the Student Poster Session at the conference. A panel of experts will review the presented posters and select the best poster, which will be recognized at the conference.

Previous NETS conferences have included multiple deadline extensions. This will not be the case for NETS 2023. February 1 will be the first and final paper and abstract submission date. Thank you for your understanding and please plan accordingly.

Templates for abstracts and papers can be found on the Resources page at the [NETS 2023 website](#). The tracks and narratives will be established once all papers have been received, but in general all papers must pertain to space nuclear technologies such as fission surface power, nuclear propulsion, or radioisotope power systems.

All accepted and presented papers and abstracts will be published in the meeting's proceedings. Authors of select papers will be invited to submit those papers to a special edition of *Nuclear Technology* or *Nuclear Science and Engineering*. Selected authors may edit their papers following the journal review process. In addition, a panel of experts will select the best student paper, which will be recognized at the conference.

## SUBMIT AN ABSTRACT OR FULL PAPER

[epsr.ans.org/meeting/?m=400](https://epsr.ans.org/meeting/?m=400)

## PROGRAM SPECIALIST

Janet Davis

708-579-8253

[jdavis@ans.org](mailto:jdavis@ans.org)