

## Special Issue

# Advanced Space Nuclear Reactors

### Message from the Guest Editor

This Special Issue of *Energies* on “Advanced Space Nuclear Reactors” is focused on existing and novel designs related to the advancement of nuclear reactor applications in space. The focus is on the designs, applications, and methodologies to support the deployment of these advanced systems. Topics include, but are not limited to, the following research topics:

- Fission surface power;
- Nuclear thermal propulsion;
- Nuclear electric propulsion;
- Demonstration Rocket for Agile Cislunar Operations;
- Advancements in radioisotope thermoelectric generator;
- Computational tools to support the development and licensing of nuclear space systems.

Manuscripts addressing combinations of computational tools with design challenges are also welcome.

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### Guest Editor

Dr. Dan Kotlyar

Georgia Institute of Technology, G. W. Woodruff School of Mechanical Engineering, Nuclear and Radiological Engineering Program, North Ave NW, Atlanta, GA 30332, USA

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### Deadline for manuscript submissions

closed (30 November 2023)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

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