

Special Issue

Space System Design

Message from the Guest Editors

Themes for Submission:

- **Advanced Mission Design:** papers that explore novel mission concepts, including interplanetary and deep-space missions, as well as Earth observation and scientific satellites.
- **Spacecraft Subsystem Innovations:** studies focusing on developing critical spacecraft subsystems such as propulsion, power, thermal management, and communication technologies.
- **Modular and Scalable Space Architectures:** contributions detailing the design and implementation of modular and scalable systems that enhance the flexibility and sustainability of space missions.
- **AI and ML in Space System Design:** research on applying artificial intelligence and machine learning to optimize design processes, mission planning, and real-time decision-making in space environments.
- **Sustainability in Space:** discussions on sustainable practices in space system design, addressing debris mitigation, end-of-life strategies, and the reuse of spacecraft components.
- **Integration of Commercial Off-the-Shelf (COTS) Components:** papers examining the challenges and benefits of incorporating COTS components into space systems, particularly focusing on reliability and cost-effectiveness.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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