



## Verification Approaches for Nano- and Micro-Satellites

Guest Editors:

**Prof. Dr. Paolo Tortora**

Dipartimento di Ingegneria  
Industriale, Alma Mater  
Studiorum Università di Bologna,  
Bologna, Italy

**Prof. Dr. Dario Modenini**

Dipartimento di Ingegneria  
Industriale, Alma Mater  
Studiorum Università di Bologna,  
Bologna, Italy

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editors

There is growing interest for the development of light, small, high-performance spacecraft (S/C) platforms for a wide range of missions. We are now at a turning point, where nano-/micro-sat systems can accomplish interplanetary missions beyond the boundaries of LEO orbits (Low Earth *Orbits*).

The topics for this Special Issue include both system analysis for future projects and in-flight experience from ongoing missions. Submission of manuscripts dealing with both subsystem and system-level Assembly Integration and Verification (AIV), with a focus on verification approach, verification methods, verification levels, verification stages, models philosophy and verification tools is encouraged. Papers also are sought which review recent research developments in comprehensive ground verification systems, including not only Software-in-the-Loop (SIL) and component-level Hardware-in-the-loop (HIL) tests, but also system-level HIL tests.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Konstantinos Kontis**

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Aerospace*) / CiteScore - Q2 (*Aerospace Engineering*)

## Contact Us

---

*Aerospace* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/aerospace](http://mdpi.com/journal/aerospace)  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)  
[X@Aerospace\\_MDPI](#)