



## Challenges in Reliability Analysis of Aerospace Electronics

Guest Editors:

**Dr. John W. Evans**

NASA HQ Office of Safety Mission Assurance, Washington, DC, USA

**Prof. Dr. Ephraim Suhir**

Deadline for manuscript submissions:

**closed (30 November 2018)**

### Message from the Guest Editors

This Special Issue is seeking a wider range of papers covering the latest developments in the reliability analysis of aerospace electronics. Of special interest are the latest developments driven by Model-Based Systems Engineering (MBSE) at the system level. In addition, articles covering the latest developments and applications of the physics of failure—inclusive of radiation effects—are sought for this journal. This includes the analysis of failure mechanisms and the incorporation of probabilistic methods concurrently with physics of failure, as well as effective uses of test data and field operational data within the analytical framework.

### Advantages:

- Open Access
- High Visibility: indexed in ESCI (Web of Science), Scopus and Inspec (IET)
- Rapid Publication: submission to first decision: 20 days; acceptance to publication: 5.7 days





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](#)