Civil and Military Airworthiness: Recent Developments and Challenges

Guest Editor:

Dr. Kyriakos I. Kourousis
Senior Lecturer (Associate Professor)
School of Engineering, University of Limerick, Limerick, Ireland
kyriakos.kourousis@ul.ie

Deadline for manuscript submissions:
30 June 2019

Message from the Guest Editor

This Special Issue aims to cover contemporary research in the fields of initial and continuing airworthiness, both in civil and military aviation. Particular emphasis will be given on, but not limited to:

**Initial Airworthiness**

- Aeronautical components testing and certification;
- Qualification and certification of new technologies, and additively manufactured metallic/non-metallic safe/non-safety parts;
- Certification of military aircraft system;
- Reliability methodologies and practice, human factor in aircraft design and engineering changes;
- Safety and risk assessment in aircraft development.

**Continuing Airworthiness**

- Safety and risk assessment, management effectiveness in aircraft flight and operation;
- Reliability analysis, cost analysis and estimation technique of aircraft system;
- Development and optimization of aircraft maintenance program, military aircraft structural integrity management program;
- Inspection and sustainment technique for composite aircraft.

mdpi.com/si/12583
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:** Covered in the Emerging Sources Citation Index (**ESCI** - Web of Science) from Vol. 3 (2016), in **Inspec** (**IET**) from Vol. 4 (2017) and in **Scopus** (from Vol. 1).

**Rapid publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 6.3 days (median values for papers published in this journal in the second half of 2018).

Contact Us

*Aerospace*
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

[aerospace@mdpi.com](mailto:aerospace@mdpi.com)

[aerospace@mdpi.com](mailto:aerospace@mdpi.com)