



Recent Advances in Technologies for Aerospace Maintenance

Guest Editor:

Dr. Andrea De Martin

Department of Mechanical and
Aerospace Engineering,
Politecnico di Torino, 10139
Torino, Italy

Deadline for manuscript
submissions:

closed (1 December 2023)

Message from the Guest Editor

This Special Issue aims at providing novel articles on theoretical studies, applied research activities, case studies, and lessons learned about emerging technologies in the maintenance of aircrafts, aerospace systems, and components. Such topics include but are not limited to:

- Data-driven or model-based prognostics and health management techniques for aerospace systems or components;
- Fault diagnosis;
- Implementation of condition-based maintenance strategies in the aerospace field;
- AI and data-driven techniques to support maintenance;
- VR/AR-assisted maintenance;
- Visual recognition for aircraft maintenance;
- Robotic solutions to improve or partially automate maintenance procedures and periodical inspections.





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

mdpi.com/journal/aerospace
aerospace@mdpi.com
[X@Aerospace_MDPI](#)