



Avionic Systems

Collection Editors:

Dr. Carlos Insaurralde

Bristol Robotics Laboratory,
University of the West of England,
Bristol BS16 1QY, UK

carlos.insaurralde@brl.ac.uk

Dr. Francesco Dell'Olio

Department of Electrical and
Information Engineering,
Polytechnic University of Bari,
70126 Bari, Italy

francesco.dellolio@poliba.it

Message from the Collection Editors

This Special Issue is aimed at the dissemination of research and engineering advances on avionic systems for CNS and GNC, including challenges and opportunities for current and future avionics for aeronautics and astronautics. Topics and areas of the Special Issue include but are not limited to:

- Application of Artificial Intelligence in avionic systems;
- Robotic avionics and autonomous avionics for air/space vehicles;
- Smart CNS avionics for airspace/space integration of unmanned systems;
- Connectivity and cybersecurity certification of avionic systems;
- Human–avionics collaboration for augmented intelligence;
- Distributed integrated modular avionics and future avionics architectures and networks;
- Reconfigurable GNS avionics for next generations of air/space transport;
- Intelligent satellite constellation and radar satellites;
- Avionics power management and distribution;
- Cyber-physical avionics systems.





aerospace



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 many other [databases](#).

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

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

mdpi.com/journal/aerospace
aerospace@mdpi.com