



Aerospace Guidance, Navigation and Control

Guest Editor:

Dr. Daero Lee

Department of Aerospace
Science and Engineering,
Tuskegee University, Tuskegee,
AL 36088, USA

Deadline for manuscript
submissions:

closed (15 January 2022)

Message from the Guest Editor

Dear Colleagues,

The Guidance, Navigation and Control (GNC) capability is a critical component of every aerospace vehicle and spacecraft system. Emerging applications in spacecraft attitude determination and control system, on-orbit proximity operations and planetary exploration, and aircraft flight control and navigation system are driving researchers to develop innovative GNC technologies. I am pleased to announce this special issue of Aerospace, and invite manuscripts that highlight recent advances in this field. The scope of this special issue will include:

- GNC system design
- Design and analysis of orbit/attitude determination and control systems.
- Spacecraft formation flying
- Spacecraft rendezvous, proximity operations and docking
- Spacecraft control and navigation for moon, mars and asteroid exploration
- Spacecraft trajectory optimization
- Aircraft flight control and navigation
- GNSS/INS navigation





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 - Q1 (*Engineering, Aerospace*) / CiteScore - Q2 (*Aerospace Engineering*)

Contact Us

Aerospace Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/aerospace
aerospace@mdpi.com
[X@Aerospace_MDPI](https://twitter.com/Aerospace_MDPI)