

Special Issue

Recent Advances in Applied Aerodynamics

Message from the Guest Editor

Applied aerodynamics seeks to understand and utilize the fundamental aspects of fluid flow in the analysis, design, and integration of aerodynamic geometries. This field covers a broad range of applications, generally involving any object that experiences aerodynamic forces in fluid flow, though common applications include fixed-wing or rotary-wing aircraft, wind turbines and propellers, ground and marine vehicles, internal flows, avian and insect flight, and atmospheric flows. We are seeking papers on theoretical, experimental, and computational approaches to aerodynamics applications. Areas of interest include but are not limited to: flight or ground vehicle aerodynamic design, analysis of wing/rotor/vehicle aerodynamic performance, methods for modeling aerodynamic bodies, and novel studies or technological applications related to aerodynamic applications. Specific areas of interest are listed below but work in related areas is also encouraged.

Guest Editor

Prof. Dr. Cheolheui Han

Department of Aeronautical and Mechanical Design Engineering, Korea National University of Transportation, Chungju-si 27496, Republic of Korea

Deadline for manuscript submissions

30 November 2024



Aerospace

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.4



mdpi.com/si/187872

Aerospace
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospace@mdpi.com

[mdpi.com/journal/
aerospace](https://mdpi.com/journal/aerospace)





Aerospace

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.4



[mdpi.com/journal/
aerospace](https://mdpi.com/journal/aerospace)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building
South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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)