



aerospace



an Open Access Journal by MDPI

Recent Advances in Applied Aerodynamics

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:

31 July 2024

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.



mdpi.com/si/187872

Special Issue



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)