



Selected Papers from 10th International Conference on Vortex Flow Mechanics

Guest Editors:

Prof. Dr. Xiande Fang

Prof. Dr. Nikolai Kornev

Prof. Dr. Zhifu Zhou

Prof. Dr. Yevhenii Shkvar

Deadline for manuscript
submissions:

closed (15 April 2024)

Message from the Guest Editors

Aerospace is cooperating with the 10th International Conference on Vortex Flow Mechanics (ICVFM 2023), which will be held on 16–19 October 2023 at Nanjing University of Aeronautics and Astronautics, Nanjing, China. The conference will be held onsite and online. Authors of outstanding papers related to aerospace presented at the conference are invited to submit extended versions of their work to this Special Issue for publication. We are seeking manuscripts that report new research in the field of aerospace on, but not limited to, the following:

- Turbulent flow;
- Multiphase flow;
- Reacting flow;
- Free-shear flow;
- Stratified flow;
- Bio-inspired fluid mechanics;
- Computation fluid mechanics;
- Flow measurements;
- Flow control;
- Turbomachinery;
- Aeroacoustics;
- Aerodynamic design optimization;
- Flow-induced vibration;
- Scientific visualization methods;
- Vortex dynamics.





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)