



Applications of Aerodynamics in Aeronautical Engineering

Guest Editors:

Dr. Jianhua Xu

Department of Aerodynamics,
School of Aeronautics,
Northwestern Polytechnical
University, Xi'an 710072, China

Prof. Dr. Yan Wang

Department of Aerospace
Engineering, College of
Aerodynamics, Nanjing University
of Aeronautics and Astronautics,
Nanjing 210016, China

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

The progress in the theories and technologies of aerodynamics has significantly propelled the development of aircraft. The computational, design, and experimental methods of aerodynamics have become indispensable means for the innovation of advanced aircraft. In future aircraft design, aerodynamics will continue to play a significant role, but other aspects such as structure, control, stealth, and acoustics will also be important.

This Special Issue invites researchers and engineers from the field of aerodynamics to contribute original research, applied research, and reviews to demonstrate the application of aerodynamics in aeronautical engineering. Submissions on theoretical aspects or applications are both welcome, with the goal of showcasing the latest advancements in the field and providing practical insights for those involved in aeronautical engineering.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)