



## Aerodynamic Technologies for Drag Reduction

Guest Editor:

**Prof. Stefano Leonardi**

Department of Mechanical  
Engineering, University of Texas  
at Dallas, Richardson, TX, USA

Deadline for manuscript  
submissions:

**closed (31 May 2019)**

### Message from the Guest Editor

Friction drag reduction in laminar and turbulent flows is of utmost importance due to the profound benefits that can produce in a large variety of existing technologies, ranging from micro-fluidic devices to pipeline transport to aerospace applications. A number of different mechanisms have been proposed over the years for turbulent drag reduction; riblets, vortex generators, blowing and suction, super-hydrophobic (SHSs), and, more recently, liquid infused surfaces (LISs). In the context of micro-UAV, spanwise bending and induced camber for deformable wings have proved to significantly improve the aerodynamic performances of wings. This Special Issue is focused on highlighting recent advances in drag reducing technologies.





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](http://www.mdpi.com)

[mdpi.com/journal/aerospace](http://mdpi.com/journal/aerospace)  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)  
[X@Aerospace\\_MDPI](#)