Special Issue

Aerodynamic Technologies for Drag Reduction

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.

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)

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/17654

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

mdpi.com/journal/aerospace

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/journal/aerospace

MDPI

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, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)