



Design and Analysis of Wind-Tunnel Models and Fluidic Measurements

Guest Editors:

Dr. Hossein Zare-Behtash

Faculty of Engineering, Emirates
Aviation University, Dubai, United
Arab Emirates

Dr. Shaun N. Skinner

Air Force Office of Scientific
Research, University of Maryland,
College Park, MD, USA

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

Dear Colleagues,

Wind tunnel testing has always played a key role in the design, testing, and optimization of fluidic components ranging from aircraft wings to compressor blades, from understanding nature-inspired bird flight to hypersonic reentry of manned vehicle returning from off-planetary missions. Today, wind tunnel testing continues to have a critical role in numerous sectors of society: Aerospace, automotive, renewable energies, etc. With the advent of higher computing power, wind tunnels and wind tunnel testing were at the brink of abandonment. However, as our knowledge and understanding of fluidic phenomena grew, we realized that flow interactions and phenomena are even more complex than once thought and that a synergetic numerical and experimental approach is key to unlocking the fundamental physics.





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, 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, Ei Compendex, and other databases.

Journal Rank: JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)

Contact Us

Aerospace Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/aerospace
aerospace@mdpi.com
[X@Aerospace_MDPI](#)