

## Special Issue

# Aerodynamic Analysis of a High-Speed Aircraft: From Hypersonic Down to Subsonic Speeds

### Message from the Guest Editors

This Special Issue aims to provide a platform for researchers and engineers to present valuable work focused on high-speed aircraft, with particular emphasis on aerodynamic and aerothermodynamic vehicle designs. For instance, the extreme loading environments associated with high-speed flows require the development of advanced aeroshapes capable of withstanding intense heat transfer and mechanical stresses, while still generating the aerodynamic forces necessary to sustain flight. This issue delves into aeroshape design of advanced configurations that aim to make high-speed vehicles faster, quieter, and more economical than ever before. Furthermore, it will address current challenges in high-speed flow and explore the broader vision required to realize the longstanding dream of affordable, efficient high-speed air travel. Achieving these goals will bring the prospect of high-speed air transportation closer to reality.

### Guest Editors

Dr. Giuseppe Pezzella

Dipartimento di Ingegneria, Università della Campania "Luigi Vanvitelli",  
Via Roma 29, I-81031 Aversa, CE, Italy

Dr. Andrea Aproxitola

Dipartimento di Ingegneria, Università della Campania "Luigi Vanvitelli",  
Via Roma 29, I-81031 Aversa, CE, Italy

### Deadline for manuscript submissions

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## Aerospace

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*Aerospace*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)

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*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.

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### Editor-in-Chief

Prof. Dr. Konstantinos Kontis  
School of Engineering, University of Glasgow, James Watt Building  
South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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