

Special Issue

Aerodynamics Design

Message from the Guest Editors

This Special Issue is intended to share knowledge, experiences, and methods related to all aspects of aerodynamics design in terms of flow physics, methods, and applications:

- from low-speed incompressible flows to supersonic/hypersonic flows through transonic aerodynamics;
- from the experimental investigation of innovative concepts and devices to numerical simulations-based design;
- from the automotive industry and terrestrial vehicles' aerodynamics to aircraft, rotorcraft, spacecraft, and missiles' aerodynamics through aerodynamics design of turbomachinery and "new entrants" (VTOL, supersonic aircraft, etc.);
- from applied and practical design studies to innovative method and tool development and validation (geometry parameterization, automated grid generation and deformation, and numerical optimization techniques and approaches to design).

Guest Editors

Dr. G erald Carrier

The French Aerospace Lab-ONERA, 91120 Palaiseau, France

Dr. Michael Meheut

The French Aerospace Lab-ONERA, 91120 Palaiseau, France

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospacero@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.

Editor-in-Chief

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

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