

# Special Issue

## Fluid Flow Mechanics

### Message from the Guest Editor

Authors are encouraged to submit technical papers in the area of theoretical, and computational fluid dynamics relevant to aerospace applications. The focus should be on applied research and advanced modelling and technology developments. Papers providing a comparison between reliable numerical results and certified experimental data are highly encouraged. The main topics that we expect to cover include:

- **Low-speed and low-Reynolds-number aerodynamics.**
- **Martian aerodynamics.**
- **Flow control: actuators, applications, and flow physics.**
- **Flow instability and laminar-turbulent transition.**
- **Hybrid RANS/LES models.**

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### Guest Editor

Dr. Pietro Catalano

Fluid Mechanics Unit, Fluid Dynamic Model Lab, Italian Aerospace Research Centre, Via Maiorise, 81043 Capua, Italy

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### Deadline for manuscript submissions

closed (31 January 2022)



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## Aerospace

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## 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.

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### Editor-in-Chief

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