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Advances in Thermal Fluid, Dynamics and Control

Guest Editors:

Dr. Yuguang Bai

Dr. Hexia Huang

Prof. Dr. Pan Wang

Prof. Dr. Dan Zhao

Deadline for manuscript submissions:
28 February 2025

Message from the Guest Editors

This Special Issue aims to present innovative numerical and experimental investigations into aerodynamics, thermal aerodynamics and thermal aeroelasticity related to flight vehicles. Possible topics include, but are not limited to, the following areas:

- Advances in thermal fluid analysis;
- advances in the aerodynamics of hypersonic flights;
- advances in thermal dynamic analysis;
- novel concepts and experimental methods of aerodynamics or aeroelasticity;
- advanced experimental techniques in structural dynamics;
- aero-thermal–mechanical analyses of aircraft systems;
- advanced analytical methods in aerodynamics;
- thermal aerodynamics and thermal aeroelasticity.

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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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Aerospace Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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