

Special Issue

Advanced Flow Diagnostic Tools

Message from the Guest Editor

This Special Issue will be a collection of contributions that reflect the latest efforts in the development and application of advanced and/or novel flow diagnostic tools with potential applications (or directly linked) to wind tunnel and flight tests, combustion flow, multiphase flow, heat transfer flow, etc. Suitable topics include but are not limited to:

- Laser-based optical measurement techniques;
- Flow visualization techniques;
- Non-intrusive measurement of pressure, skin friction, heat transfer, and deformation at the surface;
- Advanced measurement methods of aerodynamic forces and moments (magnetic suspension balance and cryogenic balance);
- Flow diagnostic tools under extreme conditions (ultra-high-speed, low/high temperature; space condition, etc.);
- Advanced data processing methods for flow diagnostic tools.

Guest Editor

Dr. Lin Chen

1. Institute of Engineering Thermophysics, Chinese Academy of Sciences, Beijing 100190, China
2. University of Chinese Academy of Sciences, Beijing 100049, China

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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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, Scotland, UK

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