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# Advanced Flow Diagnostic Tools

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Deadline for manuscript submissions:
**closed (15 March 2024)**

## 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.

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## Message from the Editor-in-Chief

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