



## Advances in Combustion Diagnostic Methods for Aerospace Propulsion

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Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editors

This Special Issue aims to provide an overview of recent advances in combustion diagnostics methods and its application to aerospace propulsion. Authors are invited to submit full research articles and review manuscripts addressing (but not limited to) the following topics:

- Coherent anti-Stokes Raman spectroscopy (CARS) diagnostics of high-pressure and high-temperature gases
- CARS thermometry
- Laser-induced grating spectroscopy
- Tunable diode-laser absorption spectroscopy
- Raman scattering
- Rayleigh thermometry
- CARS detection of radicals
- Laser-induced fluorescence (LIF) for radicals and combustion products
- LIF for mixing and kinetics measurements in gas-phase flows
- LIF and other optical measurements of soot
- Time-resolved LIF
- Particle image velocimetry (PIV)
- Simultaneous PIV and concentration measurements
- Laser tomography





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## Message from the Editor-in-Chief

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