

# Special Issue

## Plasma Diagnostics

### Message from the Guest Editor

This Special Issue will cover the methods, instruments, and experimental techniques used to measure properties of plasma, such as diagnostics for magnetic confinement fusion, beam plasmas and inertial fusion, low-temperature and industrial plasmas, and basic and astrophysical plasmas. Addressing several key issues that include but are not limited to the following:

- Nuclear instruments and methods for hot plasma diagnostics
- Plasma diagnostics—charged-particle spectroscopy
- Plasma diagnostics—interferometry, spectroscopy and imaging
- Plasma diagnostics—probes, simulation
- Plasma generation (laser-produced, RF, x ray-produced)
- Plasma diagnostics—neutral and ion beams
- Detector design and construction technologies and materials
- Neutron detectors (cold, thermal, fast neutrons)
- Gamma detectors (scintillators, CZT, HPGe, HgI etc)
- Plasma diagnostics—high speed photography

### Guest Editor

Dr. Bruno Soares Gonçalves

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### Deadline for manuscript submissions

closed (28 April 2023)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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