# Special Issue

# Atomic Spectroscopy for Plasma Diagnostics

## Message from the Guest Editors

This Special Issue aims to gather works presenting research advances in the field of atomic spectroscopy for astrophysics and fusion plasma diagnostics, including both experimental and theoretical aspects. The scope includes atomic structure calculations, spectra syntheses, laboratory measurements, applications of spectroscopy in astrophysics and controlled fusion research, as well as the state of the art of diagnostic or spectroscopic methods. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Atomic structure calculations of astrophysical/fusion plasma interest;
- Laboratory spectroscopy measurements;
- Spectral synthesis;
- Applications of spectroscopy in astrophysics and controlled fusion research;
- Diagnostic or spectroscopic methods.

## Guest Editors

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## Deadline for manuscript submissions

closed (15 October 2023)

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## Message from the Editor-in-Chief

The scope of *Atoms* is deliberately wide and encompasses a large part of theoretical and experimental atomic,
molecular, nuclear, and chemical physics in order to encourage cross-disciplinary connections, while supporting the more traditional idea of individual subfields. The journal is also interested in papers concerning
the computation and compilation of data related to applications in the above areas. Details of experimental methods and codes are welcome. Your research is taken seriously and peer-reviewed with care. I encourage you
to contact me or any of the Editorial Board Members for further information.

## Editor-in-Chief

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