

# Special Issue

## Atomic and Molecular Spectroscopy in Plasmas

### Message from the Guest Editors

This Special Issue focuses on the experimental and theoretical aspects of spectroscopic studies of both low- and high-temperature plasmas under diverse conditions, with an emphasis on atomic and molecular data critical to such studies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Spectroscopy in low- and high-temperature plasmas;
- Structure and properties of atoms and molecules;
- Experimental plasma spectroscopy;
- Plasma modeling;
- Spectral line intensities and shapes;
- Astrophysical plasma studies;
- Fusion plasma research;
- Spectroscopy in dense plasmas;
- Radiative transfer in plasmas.

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### Guest Editors

Dr. Dipti

Department of Physics and Astronomy, Clemson University, Clemson, SC 29634, USA

Dr. Roshani Silwal

Department of Physics and Astronomy, Appalachian State University, Boone, NC 28608, USA

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### Deadline for manuscript submissions

30 September 2026

## Atoms

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[atoms@mdpi.com](mailto:atoms@mdpi.com)

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Pascal Quinet

1. Physique Atomique et Astrophysique, Université de Mons, B-7000 Mons, Belgium
2. IPNAS, Université de Liège, B-4000 Liège, Belgium

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