

# Special Issue

## Collisions and Applications: Electron, Positron, and Positronium Interactions with Atoms and Molecules

### Message from the Guest Editors

This Special Issue will focus on recent advances in the study of collision processes involving electrons, positrons, and positronium with atomic and molecular systems. These interactions play a crucial role in various fields of science and technology, ranging from plasma and astrophysical environments to antimatter research, radiation therapy, and laser-assisted dynamics.

We welcome the submission of original research articles, short communications, and reviews that highlight new experimental techniques, theoretical and computational approaches, or applications in this rapidly developing field.

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### Guest Editors

Dr. Harindranath Ambalampitiya

Department of Physics and Astronomy, University of Nebraska-Lincoln,  
Lincoln, NE 68588, USA

Prof. Dr. Robyn Wilde

Department of Natural Sciences, Oregon Institute of Technology,  
Klamath Falls, OR 97601, 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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