

# Special Issue

## Quantum Optics and Quantum Information

### Message from the Guest Editors

Quantum optics and quantum information research are interdisciplinary fields that explore the intersection of quantum mechanics with the behavior of light and its potential applications in computing and communication technologies. In this Special Issue, we will be happy to consider original research articles, perspectives and reviews. The aim of this Special Issue is to provide insights into the current activities related to the unique properties of quantum systems including but not limited to quantum entanglement, quantum imaging, quantum communications or any fundamental progress made in the quantum optics field. Keywords

- quantum entanglement
- quantum computing
- qubits
- quantum cryptography coherence
- quantum communications
- quantum imaging

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### Deadline for manuscript submissions

30 September 2025

## Atoms

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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.

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### Editor-in-Chief

Prof. Dr. Pascal Quinet

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