



atoms

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Recent Trends on Quantum Fluctuations in Ultra-Cold Quantum Gases

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Deadline for manuscript
submissions:

closed (15 May 2023)

Message from the Guest Editors

Dear Colleagues,

The special issue aims to bring together contributions from the theoretical and experimental points of view related to quantum fluctuations in ultracold gases. In this Special Issue, original research articles, communications and reviews are welcome. Research areas may include (but are not limited to) the following:

- Quantum mixtures and polaron physics
- Ultradilute quantum droplets and bubbles
- superfluidity and supersolidity
- Quantum sensing and metrology
- Excitations and polariton
- Casimir effect

We look forward to receiving your contributions.

Dr. Luis Aldemar Peña Ardila

Dr. Cesar Cabrera

Guest Editors



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Special Issue



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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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