Special Issue

Quantum Dynamics and Ultracold Atoms

Message from the Guest Editors

It is widely acknowledged that ultracold atoms represent a promising avenue for the development of quantum science. This special issue, which focuses specifically on quantum dynamics and ultracold atoms, aims to facilitate the dissemination of cutting-edge results related to the use of this platform for the study of fundamental quantum phenomena. Keywords

- ultracold atoms
- quantum simulations
- superfluidity and supersolidity
- ultracold mixture
- ultracold molecules
- atomic physics
- out of equilibrium dynamics
- quantum phase transitions

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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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