Special Issue

Atomic Interferometry with Bose–Einstein Condensates

Message from the Guest Editors

This Special Issue of *Atoms* will highlight recent work on BEC-based atom interferometry for fundamental physics and applications. Covering both experimental and theoretical aspects, it will provide a snapshot of the current status of this field. Topics of interest include precision measurements and quantum sensing, advances in interferometric techniques, and interferometry with correlated atomic states. As BEC production and manipulation technology advances, we anticipate that this Special Issue will also serve as a useful resource for future work in the field of atom interferometry with Bose–Einstein condensates. We welcome original research articles as well as pedagogical reviews on specific topics.

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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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