Special Issue

Advances in Quantum Sensing and Systems

Message from the Guest Editors

The aim of this Special Issue is to encourage and inspire original ideas in quantum engineering through the use of theoretical predictions (the first step in developing real-world sensors and devices). This issue will encourage incremental advances, in addition to articles which are simply describing classical sensing with a quantum framework. Potential topics include but are not limited to:

- Theoretically predicted performance (null, incremental, or substantial) in a sensor or system using quantum phenomena;
- Describing an existing classical sensor, system, or phenomenon with a quantum framework;
- Classical and quantum cooperative sensing and systems;
- New communication or key distribution protocols;
- Quantum computing algorithms and advances;
- Prototype or proof-of-concept experimental results of a quantum sensor or system (failed, null, or successful);
- Packaging a quantum experiment into a closed-form device.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2023)

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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