

## Special Issue

# Quantum Optics: Past, Present, Future

### Message from the Guest Editor

In this Special Issue, we focus on both the fundamental physics of quantum optics which has progressed over the last hundred years. For this, both review and research papers are invited from the quantum optics community. The following subjects are open to the Special Issue: General quantum mechanics, EPR/Bell inequality violation, two-photon correlation, quantum interface, quantum memory, quantum logic gate, quantum key distribution, quantum computing, quantum systems, quantum sensing and metrology, and emerging quantum optics.

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### Guest Editor

Prof. Dr. Byoung S. Ham

Center for Photon Information Processing, and School of Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology, Gwangju 61005, Korea

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### Deadline for manuscript submissions

closed (31 March 2023)



## Entropy

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### Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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### Editor-in-Chief

Prof. Dr. Kevin H. Knuth

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