

Special Issue

Advances in Photonics, Optics and Laser Technology

Message from the Guest Editors

We welcome original research articles and review papers reporting state-of-the-art methodologies, novel instrumentation, and emerging applications. Research areas may include, but are not limited to, the following:

- Laser sources and laser systems, including stabilized, narrow-linewidth, and high-coherence lasers
- Nonlinear and ultrafast optics, including femtosecond and attosecond techniques
- Optical spectroscopy, sensing, and diagnostics for scientific, industrial, and environmental applications
- Photonic materials, metamaterials, and nanophotonics
- Integrated photonics and optical devices
- Polarimetry and polarization-based optical techniques
- High-precision interferometry, optical cavities, and laser stabilization
- Quantum optics and photonic technologies with applications in fundamental physics and precision measurements

By bringing together contributions from diverse research communities, this Special Issue aims to foster interdisciplinary exchange and accelerate the development and application of advanced photonic and laser-based technologies. We look forward to receiving your contributions.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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