

Special Issue

Novel Research on Photonic Materials and Devices

Message from the Guest Editors

This Special Issue welcomes contributions that explore innovative designs, analyses, experimental results, and numerical simulations in photonics, with a particular focus on their potential applications in diverse fields such as:

- Renewable energy (solar cells, energy harvesting, light management, etc.);
- Information and communication technology (fiber optics, data storage, photonics in computing, etc.);
- Health and medicine (biophotonic materials for diagnostics and therapy, imaging techniques, etc.);
- Environmental monitoring;
- Advanced manufacturing (photonics in laser processing, materials characterization, etc.);
- Consumer electronics (display technologies, lighting, photonic sensors, etc.);
- Transportation (photonics in automotive and aerospace applications, navigation systems, etc.);
- National security and defense (surveillance, laser systems, communication technologies, etc.);
- Simulation and theoretical studies of novel photonic materials;
- Other innovative applications and studies demonstrating the potential of photonic materials and devices in science and industry.

Guest Editors

Dr. Luis M. G. Abegão

Prof. Dr. Anderson Stevens Leônidas Gomes

Prof. Dr. José Joatan Rodrigues Junior

Deadline for manuscript submissions

closed (20 June 2024)



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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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