

## Special Issue

# Modern Applications in Optics and Photonics: From Micro- and Nanooptics to Optical Sensing, Measurement and Communication

### Message from the Guest Editors

Optics and photonics are among the key technologies of our time and offer the potential for novel applications in areas as diverse as optical measurement, sensing and analytics, monitoring, biomedical imaging, and diagnostics, as well as communication technology. This Special Issue aims to provide an overview of some of the most recent development and exciting application areas in optics and photonics, indicating the broad multifaceted potential for the future. Articles covering novel optical concepts and systems as well as insights achieved in applications are invited. Individual topics of interest include but are not limited to:

- Integrated micro- and nano-optic concepts and devices
- Wearable optics
- Printed optics
- Biosensors
- Surface plasmon resonance sensors
- Optofluidic measurement
- Distributed sensing
- Fiber optic systems and sensing
- Optical analytics, metrology, and spectroscopy
- Medical diagnostics, imaging, and monitoring
- Optical communication systems and technology

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2023)



## Applied Sciences

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### 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.

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### Editor-in-Chief

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