

Special Issue

Photonic Microsystems

Message from the Guest Editor

The present Special Issue on « Photonic Microsystems » will be a forum for scientists, who are harnessing light, or photons, and control its propagation phenomena via interaction with produced structures at the micro- and nano-scale. This leads to diverse applications in technology fields such as imaging, communication, sensing, and instrumentation, as well as sciences such as biology and medicine, chemistry, and fundamental physics. This Special Issue will cover a broad range of topics from the field, including but not limited to the following :

- Free-space and guided-wave micro-optics
- The optical scanners and micromirrors
- Adaptative optics
- Micro-optical systems for imaging
- Microactuators for photonic devices
- Adaptative and tunable micro-photonics
- Telecom devices
- Spatial light modulators
- Optofluidics
- Microspectrometers
- MOEMs sensors
- Cavity optomechanics
- Nanophotonics including nanoplasmonics, metamaterials, and metasurfaces
- Micro- and nano-phonic displays
- Silicon photonics
- Nanoscale sources and emitters
- Photonic crystals

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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