

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 nanoplasmionics, metamaterials, and metasurfaces
- Micro- and nano-photonic displays
- Silicon photonics
- Nanoscale sources and emitters
- Photonic crystals

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)



Photonics

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CiteScore 2.6



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec,
CAPlus / SciFinder, and other databases.

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JCR - Q2 (Optics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 14.9 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the second half of 2024).