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Fabrication and Applications of Photonic Micro-Devices

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

photonics micro-devices are been exploited for different applications such as fluid mechanics, biomedical, health care, material science, and applied physics for citing some. Microscale crystal and polymeric resonators, plasmonic, and semiconductors are all used to develop new devices for a large range of applications.

This special issue "Fabrication and Applications of Photonic Micro-Devices" is focused on bringing together researchers and people from industry to share their findings on unique and novel fabrication processes, design and implementations of photonics micro-devices and their experimental systems. In addition, review articles on the current state-of-the-art are also accepted. Topics of interest include but are not limited to:

- optical micro-resonators
- free space and fiber-based light coupling devices
- plasmonic devices
- measurement techniques and experimental systems for photonics micro-devices
- algorithms and data processing involving photonics micro-devices

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