Special Issue

Fluorescence Microscopy

Message from the Guest Editors

The issue of “Fluorescence” will cover a wide range of applications, such as developing smart materials with improved optical properties and spectroscopic characteristics, chemical sensors, biological detectors and mineralogy. This Special Issue welcomes methodological and applied research and review papers. Topics will include, but are not limited to:

- Photophysics of small molecules, supramolecular materials and self-assembled organic, inorganic and bioinspired nanostructures.
- Strong coupling and light-matter interactions at the nanoscale, exciton-polaritons and quantum coherence.
- Development and validation of smart photoresponsive chemical, biochemical and biological materials with multiscale approaches.
- Thin-film optics and development of artificially engineered photonic structures for enhanced light-matter interactions.
- Theoretical modeling of light-matter interactions and cavity-quantum electrodynamics (QEDs).

Guest Editors

Dr. Sitakanta Satapathy

The City College Center for Discovery and Innovation, The City University of New York, 85th St. Nicolas Terrace, New York, NY 10031 USA

Dr. Prathmesh Deshmukh

1. The Graduate Center, City University of New York, 85 St Nicholas Terrace, New York, NY 10031, USA
2. Facebook Reality Labs (Meta Platforms), Willows Road, Redmond, WA 98052, USA

Deadline for manuscript submissions

closed (30 September 2023)

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mdpi.com/si/131930

Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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