

## Special Issue

# Nanophotonics for Next-Generation IoT Sensors

### Message from the Guest Editor

This Special Issue focuses on the topics of next-generation devices, such as photodetectors, modulators and light emitting devices, based on nano-resonances or using novel materials. It also focuses on the nanophotonics-based applications, including CMOS image sensors, biosensors, optical circuits, and neuromorphic photonics. The topics of interests include, but are not limited to:

- Nanophotonics: plasmonics, metasurface, optical materials, non-linear optics;
- Optical devices: Photodetector, modulator, light emitting device;
- Silicon photonics;
- Biosensors;
- Optical neuromorphic device, system and computing;
- Optical imaging;
- Thin film technology;
- Electromagnetism for IoT applications

Welcome to contribute!

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2022)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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