

## Special Issue

# Sensing and Imaging in Nano-Illumination Microscopy

### Message from the Guest Editors

Nano-illumination microscopy is an emergent technique with high potential for low-cost and mass-manufacturable miniature microscopes. It works by sequentially activating micro- or nano-LEDs in an array or microdisplay, and measuring the light from the sample on a pixelated sensor, which includes single-pixel detectors. Topics of interest for this Special Issue include (but are not limited to) the following:

- Technological developments to increase applicability;
- Novel measurement principles;
- Advanced LED and nanoLED arrays;
- Single-pixel detectors, including SPADs, and cameras;
- Other chip-sized microscopies;
- Applications in biology, the environment, the control of industrial processes, etc.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 May 2025)



## Sensors

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*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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