

## Special Issue

# Metasurface-Based Photonic Devices and Their Applications

### Message from the Guest Editor

Metasurfaces comprise subwavelength resonators that collectively alter the wavefront and polarization of output waves. Integrating active components or 2D materials enable metasurface-based photonic devices with tunability and reconfigurability. These advances promise compact, low-power photonic systems for biomedical imaging, communications, and non-destructive testing. This Special Issue focuses on advanced metasurface-based photonic devices for beamforming and polarization manipulation with strong potential for near-term deployment in communications and non-destructive testing.

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### Guest Editor

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### Deadline for manuscript submissions

10 April 2026



## Photonics

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CiteScore 3.5



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