

Announcing a Special Issue of the
IEEE/Optica Publishing Group
Journal of Lightwave Technology on:

OFS-28

The IEEE/Optica Publishing Group Journal of Lightwave Technology will publish a special issue that will present a forum for authors to publish expanded papers from the 28th International Conference on Optical Fiber Sensors ([OFS-28](#)) held in Hamamatsu, Japan. The scope of this special issue includes, but is not limited to, the following:

- Physical, mechanical, and electromagnetic sensors
- Chemical, environmental, biological, and medical sensors, and biophotonic applications
- Interferometric, polarimetric and laser-based sensors (including gyroscopes and resonators)
- Micro- and nano-structured fiber sensors (including photonic crystal fiber and grating-based sensors)
- Distributed and multiplexed sensing and sensor networking
- Environmental, security, defense and industrial applications; technology commercialization and standardization
- Smart structures (including structural health monitoring, digital twin, and photonics in additive manufacturing)
- New elements (fibers, devices and subsystems), effects (e.g., plasmonics), technologies (including nanophotonics), materials (e.g., meta- and structured materials), and signal processing (e.g., machine learning) for photonic sensing
- Integrated photonics, cavity opto-mechanics, quantum sensing techniques, precision metrology, and frequency combs
- Other technologies (including imaging-related, spectroscopic, and those based on smart-phone platforms)

On behalf of the Guest Editors and the Editor-in-Chief, we encourage you to submit your work for inclusion in this special issue. Accepted papers will appear in the July/August 2024 hardcopy issue with accepted papers posted online within one week of author final file upload. Mandatory page charges of \$260.00 per page are enforced for original contributions in excess of 7 pages. Tutorial presenters will be invited individually. Tutorial review papers can range up to 16 pages in length, and the same mandatory fees apply to each tutorial paper in excess of 16 pages.

Submissions by IEEE Author Portal website only: <https://iee.atyponrex.com/journal/ieee-jlt>

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