

## **Announcement of an *IEEE/Optica Publishing Group* *Journal of Lightwave Technology Special Issue* on: Microwave Photonics**

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

### **MICROWAVE PHOTONICS**

#### **Scope description:**

This special issue will cover all the topics in the field of microwave photonics, a special issue for the 2021 IEEE International Topical Meeting on Microwave Photonics (MWP2021).

Microwave photonics is concerned with the use of photonic devices, systems and techniques for applications in microwave, millimeter, and THz wave engineering, and also encompasses the development of high-speed photonic components for microwave system applications. The field is continuing to experience significant growth, fueled by the recent interest and development in integrated microwave photonics and microwave/millimeter-wave photonics for 5G applications and beyond. Topics include (but are not limited to):

- RoF for 5G and beyond mobile data and terrestrial communication systems
- Integrated MWP devices
- Advanced signal processing techniques
- MWP sensing technology
- THz device technology and system applications
- Optical wireless transmission systems and applications
- High-speed MWP signal generators and modulators
- High-speed photomixers and optoelectronic converters
- Novel device technologies for emerging systems
- Time and Frequency Transfer

A portion of this issue will feature expanded versions of accepted papers presented at the 2021 IEEE International Topical Meeting on Microwave Photonics, organized from Pisa, Italy, and held online on November 15-17, 2021.

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 Sept/Oct 2022 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 and in excess of 10 pages for Invited Papers. Tutorial presenters will be invited to write articles that are up to 16 pages in length. The same mandatory fees apply to each Tutorial paper in excess of 16 pages.

Submissions by website only: <http://mc.manuscriptcentral.com/jlt-ieee>

Manuscript Type: "MWP 2022"

Submission questions: Doug Hargis, Journal of Lightwave Technology [d.hargis@ieee.org](mailto:d.hargis@ieee.org)

The Guest Editors for this issue are: **Chris Roeloffzen**, Lionix International BV, Netherlands; **Paolo Ghelfi**, CNIT, Italy; **Tetsuya Kawanishi**, Waseda University, Japan; Arthur **Paolella**, L3Harris Technologies, USA

**Submission Deadline: 28 Feb 2022**  
**Publication: Sept/Oct 2022**