



Announcement of an *IEEE/OSA* *Journal of Lightwave Technology Special Issue on:* **Microwave Photonics**

Announcing a Special Issue of the IEEE/OSA Journal of Lightwave Technology on:

MICROWAVE PHOTONICS

Scope

This special issue covers all topics in the field of microwave photonics, a special issue for the International Topical Meeting on Microwave Photonics 2020 (MWP2020). 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

A portion of this issue will feature expanded versions of accepted papers presented at the International Topical Meeting on Microwave Photonics 2020 in Matsue, Japan from November 22-25, 2020.

We will have a total of ~8 invited papers and ~2 tutorial review articles. We expect to receive up to 100 regular submissions from expanded versions of oral and poster papers (contributed) that are presented at the conference.

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 Nov/Dec 2021 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 2021"

Submission questions: Doug Hargis, Journal of Lightwave Technology d.hargis@ieee.org

The Guest Editors for this issue are: Gee Kung Chang, Georgia Institute of Technology, USA; Guillermo Carpintero, Universidad Carlos III de Madrid, Spain; Yuki Yoshida, National Institute of Information and Communications Technology, Japan.

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