



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 2019 IEEE International Topical Conference on Microwave Photonics (MWP'2019). 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):

- High-speed optoelectronic devices
- Integrated microwave photonics
- Photonic techniques for microwave signal generation and distribution
- Photonic microwave processing, sensing, and measurements
- THz techniques and applications
- Radio over fiber techniques, fiber-wireless communications, and 5G
- Innovative applications of microwave photonics (astronomy, traffic and automotive, electronic warfare, radar, medicine and health care, etc.)

A portion of this issue will feature expanded versions of accepted papers presented at the 2019 IEEE International Topical Conference on Microwave Photonics in Ottawa, Canada from October 7-10, 2019.

We will have a total of ~10 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 Sep/Oct 2020 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 2020"

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

The Guest Editors for this issue are: Lawrence R. Chen, McGill University, Canada; Jason D. McKinney, Naval Research Labs, US; Ivana Gasulla, Universitat Politècnica de València, Spain; and Ming Li, Chinese Academy of Sciences, China.

Submission Deadline: 1 February 2020
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