

Call for Papers

----- Special Section on Microwave Photonics -----

The IEICE Transactions on Electronics announces a forthcoming Special Section on Microwave Photonics Technology to be published in **August 2015**.

The special issue solicits paper submission not only from people who have presented papers in the 2014 International Topical Meeting on Microwave Photonics / the 9th Asia-Pacific Microwave Photonics Conference (MWP/APMP2014) held in Sapporo, Japan, on October 2014, but also from all people who are engaging in the same research field.

1. Scope

The major topics of interest within the scope of this Special Section include, but are not limited to, the following areas:

Microwave Photonic Devices, Components and Techniques

- Broadband linear & high-power photonic device, Device/technique for optical generation & control of microwave/millimeter-wave/THz signal, Technique for optical spectra synthesis, Integration technique for MWP device/circuit, MEMS technology for MWP, Meta-material & band-gap structure, Optical AD/DA conversion, Optical measurement for RF electronics, Optical probing and sensing of microwave fields or properties, Optical frequency metrology & control, and Others.

Microwave Photonic Systems and Applications

- Radio-over-fiber system & network, Wired/wireless access network, MIMO technologies for microwave photonics, Ultra-broadband wireless system based on photonics, Optically controlled phased-array antenna, Fiber-optic transmission using advanced modulation format, THz application and system, Silicon photonics system, Emerging application of MWP in safe, secure & energy efficient system, Optical access network for mobile (wireless) backhaul, and Others.

2. Submission Instructions

The deadline for submission is December 20, 2014. This special issue will accept only PAPERS and BRIEF PAPERS. Manuscripts should be prepared according to the "Information for Authors," the latest version of which is available at: http://www.ieice.org/eng/shiori/mokuji_es.html. Prospective authors are requested to follow the submission procedure described below.

Submit a paper and transfer copyright of the paper using the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Authors should choose the [Special-MP] Microwave Photonics as a "Journal / Section" on the online screen. Do not choose [Regular-EC].

Inquiries on this special section

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3. Special Section Editorial Committee

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* Please note that if the submitted paper is accepted, all authors, including authors of invited papers, are requested to pay for the page charges covering partial cost of publications. Authors will receive 50 reprints.

* At least one of the authors must be an IEICE member when the manuscript is submitted for review. Invited papers are an exception. We recommend that authors unaffiliated with IEICE apply for membership. For membership applications, please visit <http://www.ieice.org/eng/member/OM-appli.html>