

## **Call for Papers**

# *Special Section on Recent Progress in Microwave and Millimeter-Wave Photonics Technology*

The IEICE Transactions on Electronics announces a forthcoming Special Section on Evolution of Microwave and Millimeter-Wave Photonics Technology to be published in **February 2013**.

The Special Section solicits paper submission not only from people who have presented papers in the Asia-Pacific Microwave Photonics Conference (APMP 2012) held in Kyoto, Japan, on April 25-27, 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:

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 frequency metrology & control, and Others

Systems and Applications:

- Wireless-over-fiber system & network, Analog/digital/subcarrier multiplexed MWP link, Wired/wireless access network, 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 **May 31, 2012**. This special section will accept only PAPERS and BRIEF PAPERS by electronic submission. 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](http://www.ieice.org/eng/shiori/mokuji_es.html). Prospective authors are requested to follow carefully the submission process described below.

(1) Submit a paper using the IEICE Web site [http://www.ieice.org/eng/shiori/page2\\_es.html#2-1](http://www.ieice.org/eng/shiori/page2_es.html#2-1). Authors should choose the [Special-EC] Microwave and Millimeter-Wave Photonics Technology as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [Regular-EC].

(2) Send "One copy of the printed manuscript including figures and tables", "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" to

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by E-mail or postal mail.

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