**Call for Papers**

Special Section on Emerging Technologies and Applications for Microwave and Millimeter-wave Systems

The Institute of Electronics, Information and Communication Engineers (IEICE) Transactions on Electronics announces a forthcoming special section on "Special Section on Emerging Technologies and Applications for Microwave and Millimeter-wave Systems" to be published in **October 2013**.

Due to the popularization of ICT, information and communication devices are becoming essential tools for our everyday life. This demands technological innovations to realize increased transmission speed for smart phones, higher energy efficiency through smart grids, enhancements in security and healthcare management, and quick disaster recovery. Novel wireless technologies and services that can more efficiently utilize the available spectrum including the THz band, and that can construct sensor systems, microwave imaging systems and energy application systems have been playing important roles in support of such innovations. The purpose of this special section is to present latest research works and to stimulate activities for further advancement in these fields.

1. **Scope**

The major topics of interest include, but not limited to:

- Devices for Microwave/ Millimeter-wave ICs
- Microwave/Millimeter-wave Active Components (Oscillator, Frequency doubler/divider, Mixer, Amplifier)
- Microwave/Millimeter-wave Passive Components (Filter, Resonator, Hybrid, Metamaterial)
- Microwave/Millimeter-wave Sensor and Imaging Technologies
- Wireless Power Transfer
- Antenna and its Integration Technologies
- Packaging Technologies and Fabrication
- Simulation Technologies and CAD Techniques
- IC Testing and Methodologies

2. **Submission Instructions**

The deadline for submission is extended to **February 28, 2013**. 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] Emerging Technologies and Applications for Microwave and Millimeter-wave Systems as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [Regular-EC].

(2) Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" to Dr. Hiroyuki Kayano, Toshiba Corp. 1 Komukai-toshiba-cho, Saiwai, Kawasaki, Kanagawa 212-8582, Japan TEL: +81-44-549-2110, FAX: +81-44-520-1286, E-mail: hiroyuki.kayano@toshiba.co.jp by e-mail, facsimile, or postal mail. Please do not forget to send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration". We cannot start the review process without them, even if we receive the manuscript.

3. **Special Section Editorial Committee**

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

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