

## Call for Papers

# *Special Section on Microwave and Millimeter-Wave Technologies*

The IEICE (Institute of Electronics, Information and Communication Engineers) Transactions on Electronics announces a forthcoming special section on "Microwave and Millimeter-Wave Technologies" to be published in **October 2018**.

Wireless communications have been developed toward higher operational frequencies to achieve higher data rate, and microwave and millimeter-wave technologies have become increasingly important in the area. These technologies have been implemented to various kinds of applications, such as sensing/imaging, measurement, wireless power transfer technologies, and so forth. The purpose of this Special Section is to publish and stimulate the latest researches and developments in these technical fields.

### 1. Scope

Contributions are solicited in the following topics, but are not limited to:

- Active Devices and Circuits (Low-Noise Devices and Circuits, High-Power Devices and Circuits, Microwave Tubes, AMP, MIX, OSC, SW, MMICs, Analog and Mixed Signal ICs, New Energy IC, etc.)
- Passive Components (Filters and Resonators, Ferrite and Acoustic Wave Components, Packaging, Waveguides and Striplines, Metamaterials, RF MEMS, LTCC Devices, Directional Couplers and Hybrids)
- Microwave/Millimeter-wave/Terahertz Systems (Sensing/Imaging Technologies, Body Area Network, Biological Information Monitor, Health Care, etc.)
- Microwave/Millimeter-wave/Terahertz Integrated Antennas Technologies
- Microwave/Millimeter-wave/Terahertz Measurement Technologies, Packaging Technologies
- Microwave Photonics
- Wireless Power Transfer Technologies
- Electronics Simulation Technologies

### 2. Submission Instructions

The deadline for paper submission is **February 15, 2018**. Manuscript type for the Special Section is either PAPER or BRIEF PAPER. The manuscripts should be prepared according to the style guidelines in the "Information for Authors" which is available at [http://www.ieice.org/eng/shiori/mokuji\\_es.html](http://www.ieice.org/eng/shiori/mokuji_es.html). The total length of the manuscript for PAPER should not exceed 8 printed pages, and for BRIEF PAPER it should not exceed 4 printed pages. It is noted that the special section will accept only the electronic submission. Prospective authors are requested to carefully follow the submission process described below.

Submit a paper using the IEICE Web site [https://review.ieice.org/regist/regist\\_baseinfo\\_e.aspx](https://review.ieice.org/regist/regist_baseinfo_e.aspx). The authors should choose the [Special-MM] Microwave and Millimeter-Wave Technologies as a "Journal/ Section" on the online screen. DO NOT CHOOSE [Regular-EC].

Inquiries:

**Dr. Tetsuya Ueda**

Electrical Engineering and Electronics, Kyoto Institute of technology,  
Matsugasaki Sakyo-ku Kyoto 606-8585, Japan  
PHONE: +81-75-724-7454, E-mail: [ueda@kit.ac.jp](mailto:ueda@kit.ac.jp)

### 3. Special Section Editorial Committee

Guest Editor: Naoki Shinohara (Kyoto Univ.)

Secretary: Tetsuya Ueda (Kyoto Institute of Tech.), Toshiro Hiratsuka (Murata Manufacturing)

Guest Associate Editors: Takuichi Hirano (Tokyo Institute of Tech.), Ryo Ishikawa (Univ. of Electro-Communications), Nobuyuki Itoh (Okayama Prefectural Univ.), Kazuhiro Iyomasa (Mitsubishi Electric), Takana Kaho (NTT), Hiroyuki Kayano (Toshiba), Shoichi Kitazawa (Muroran Institute of Tech.), Takao Kuki (Kokushikan Univ.), Zhewang Ma (Saitama Univ.), Takuya Sakamoto (Univ. of Hyogo), Takashi Shimizu (Utsunomiya Univ.), Masaya Tamura (Toyoashi Univ. of Tech.)

#### [IMPORTANT NOTICE]

\* Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.

\* 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.

\* 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 the web-page, [https://www.ieice.org/eng/join\\_ieice/index.html](https://www.ieice.org/eng/join_ieice/index.html).