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 2019.

Microwave technology plays a crucial role as a means of communication in modern society. In addition, the technological field is extending to the areas in energy transfer, remote sensing, microwave heating, production of chemicals and medical applications. The purpose of this Special Section is to deliver latest technological information to active researchers/engineers and to contribute to the sustainable growth of the field.

The special section solicits paper submission not only from authors who will present their papers in the 2018 Asia-Pacific Microwave Conference (APMC2018) which will be held in Kyoto, Japan, on November 2018, but also from all people engaging in the microwave/millimeter-wave technical field.

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, amplifiers, mixers, oscillators, switches, MMICs, analog and mixed signal ICs, new energy IC, etc.)
- Passive components (waveguides and transmission lines, filters and resonators, directional couplers and hybrids, metamaterials, RF MEMS, LTCC devices, ferrite and acoustic wave components, packaging)
- Microwave/millimeter-wave/terahertz systems (5G technologies, intelligent mobility technologies, sensing/imaging technologies, body area networks, biological information sensing and monitoring, health care systems, 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 extended to February 15, 2019. Acceptable manuscript type for the Special Section is either PAPER or BRIEF PAPER. 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. The total length of the manuscript for PAPER should not exceed 8 printed pages, and that for BRIEF PAPER should not exceed 4 printed pages. It is noted that the Special Section will accept only via electronic submission. Prospective authors are requested to carefully follow the submission process described below.

Please submit a paper via the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Please choose the [Special-MM] Microwave and Millimeter-Wave Technologies as a "Journal/Section" on the online screen. DO NOT CHOOSE [Regular-EC].

For any inquiries, please contact:

Dr. Eisuke Nishiyama
Electrical and Electronic Engineering, Saga University,
PHONE: +81-952-28-8660, E-mail: nisiyama@ceng.ec.saga-u.ac.jp

3. Special Section Editorial Committee

Guest Editor: Atsushi Sanada (Osaka Univ.)
Secretary: Eisuke Nishiyama (Saga Univ.), Atsushi Fukuda (NTT DOCOMO)
Guest Associate Editors: Takuji Arima (Tokyo Univ. of Agriculture and Tech.),
Takuichi Hirano (Tokyo City Univ.), Shintaro Hisatake (Gifu Univ.), Suguru Kameda (Tohoku Univ.),
Ryuji Kuse (Kumamoto Univ.), Tohlu Matsushima (Kyushu Inst. of Tech.), Mizuki Motoyoshi (Tohoku Univ.),
Takahiro Nakamura (Hitachi), Takashi Shimizu (Utsunomiya Univ.), Hidehisa Shiomi (Osaka Univ.),
Yasunori Suzuki (NTT DOCOMO), Qiaowei Yuan (National Inst. of Tech., Sendai College)

[IMPORTANT NOTICE]

* Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.
* Upon accepted for publication, all authors, including authors of invited papers, should pay the page charges covering partial the cost of publication around June 2019. If payment is not completed by 15 July, 2019, your manuscript will be handled as rejection.
* 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.