Call for Papers

------- Special Section on Wideband Systems -------

The IEICE Transactions on Fundamentals announces that it will publish a special section entitled "Special Section on Wideband systems" in January 2017.

The objective of this Special Section is to discuss, through papers, theoretical and practical issues concerned with wideband systems.

1. Scope
This special section aims at timely dissemination of research in these areas. Possible topics include, but are not limited to:

- **Wideband systems:**
  - Green communications, power-line communications, high speed distributed subscriber-line communication, intelligent transport systems (ITS), spread spectrum techniques, multi-carrier communication and OFDM, ultra wideband (UWB) techniques, optical communication, visible-light communication, software defined radio, digital TV systems, wireless MAN/LAN/PAN, etc.

- **Schemes for wideband systems:**
  - Modulation & demodulation, acquisition & tracking, error correction techniques, multiple access techniques (CDMA, SDMA, TDMA, FDMA, and hybrid techniques), signal processing, channel modeling, distance measurement, radar, MIMO techniques, etc.

- **Devices and modules for wideband systems:**
  - Acquisition circuits, low power consumption techniques, modems, antennas, amplifiers (PA & LNA), LSI fabrication, high speed operation, etc.

2. Submission Instructions
The standard number of pages is 8 for a PAPER and 2 for a LETTER. The maximum number of pages for the initial submission of a LETTER is 4. The page charges are considerably higher for extra pages. Manuscripts should be prepared according to the guideline in the "Information for Authors". The latest version is available at the web site, http://www.ieice.org/eng/shiori/mokuji_ess.html. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule.

This special section will accept only papers by electronic submission. Prospective authors are requested to follow carefully the submission process described below.

Submit a manuscript and electronic source files (TeX/Word files, figures, authors’ photos and biography) via the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx by **March 25, 2016 April 15, 2016** (extended). Authors should choose the [Special-WB]Wideband System as a "Journal/Section" on the online screen. Do not choose [Regular-EA].

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3. WBS Student Paper Award
Among accepted papers, the Technical Committee on Wideband System will offer awards to excellent student papers. To be eligible, the first author of the paper must be a student at the time of the first submission.

4. Special Section Editorial Committee
**Guest Editor-in-Chief:** Hiromasa HABUCHI (Ibaraki University)

**Guest Editor:** Isamu MATSUNAMI (The University of Kitakyushu), Tadatomo SATO (Tokyo City University)

**Guest Associate Editors:** Koji ISHIBASHI (The University of Electro-Communications), Kouji OHUCHI (Shizuoka University), Minoru OKADA (Nara Institute of Science and Technology), Hideki OCHIAI (Yokohama National University), Suguru KAMADA(Tohoku University), Masato SAITO (University of the Ryukyus), Masahiko SHIMIZU (Fujitsu Laboratories), Takashi SHONO (Intel Corporation), Satoshi TAKAHASHI (Hiroshima City University), Kenichiro TAKIZAWA (National Institute of Information and Communications Technology), Masanori HAMAMURA (Kochi University of Technology), Masahiro FUJII (Utsunomiya University), Fumiaki MAEHARA (Waseda University), Hidekazu MURATA (Kyoto University), Kazuo MORI (Mie University)

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