

## Call for Papers

# ----- Special Section on European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2016/2017 IEICE ICT Forum -----

The IEICE Transactions on Communications announces that it will publish a special section entitled "Special Section on European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2016/2017 IEICE ICT Forum" in the 2019 issue (**May 2019**).

The IEICE Transactions on Communications announces that it will publish a special section entitled European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2016 and 2017 IEICE ICT Forums in May 2019. The special section is organized by IEICE Europe Section. As the growth of wireless services continues, improved and new transmission technologies, system and network architectures and their socio-economic implications are being investigated in order to accommodate the increasing user demand for ease of scalability and reliable broadband service. The special section seeks for submission particularly from, but not limited to, the authors of the IEICE ICT Forum, and will focus on both theoretical and practical aspects of new algorithms, network/system design and architectures, performance analysis, and experimental studies, related to the technical fields of European ICT R&D Projects.

### 1. Scope

Topics of the special section include research results from European ICT R&D project activities or related ones for, but are not limited to the following areas:

- Information and communication theory and algorithms,
- 5G and beyond wireless cellular networks/wireless cooperative networks/wireless cognitive and reconfigurable networks, and related technologies,
- Socio-economic implications of new technologies, law/regulatory impacts of new network technologies, social networking,
- The Internet of Things and machine type communications,
- Next-Generation Access (NGA) technologies and networks: Integration of optical and wireless access as a last mile,
- Converged optical-wireless networks,
- Power line communication technologies, future broadband digital subscriber line (DSL) access,
- Distributed monitoring and management techniques, channel modeling/measurement,
- Performance measurements, experimental platforms and testbeds concerning to the above mentioned topics.

### 2. Submission Instructions

The standard number of pages is 8. 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\\_cs.html](http://www.ieice.org/eng/shiori/mokuji_cs.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 papers only by electronic submission. Submit a manuscript and electronic source files (LaTeX/Word files, figures, authors' photos and biographies) via the IEICE Web site [https://review.ieice.org/regist/regist\\_baseinfo\\_e.aspx](https://review.ieice.org/regist/regist_baseinfo_e.aspx) by **June 7th, 2018 (JST)**. Authors should choose the European ICT R&D Project Activities as a "Journal/Section" on the online screen. Do not choose [Regular EB].

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### 3. Special Section Editorial Committee

**Guest Editor-in-Chief:** Piotr Zwierzykowski (Poznan University of Technology, Poland)

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\* 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 <http://www.ieice.org/eng/member/OM-appli.html>

\* The accepted papers will be published online soon after notification of acceptance on the web site of Transactions Online. For detailed information, please visit [http://www.ieice.org/eng/shiori/page2\\_cs.html#8](http://www.ieice.org/eng/shiori/page2_cs.html#8)