

Call for Papers

----- Special Section on Wireless Distributed Networks -----

The IEICE Transactions on Communications announces that it will publish a special section entitled "Special Section on Wireless Distributed Networks" in **December 2010**.

Recently, there are a lot of research works on Wireless Distributed Networks (WDN) such as wireless multi-hop/mesh networks, coordinated cellular networks, cognitive networks, and etc., where the distributed wireless nodes cooperate with each other. Application fields of these wireless networks are different; however, principle theories and element technology are common, especially spectrum sharing technology, cooperative communication technology, and radio resource management for network optimization. Further development of these technology are indispensable of future wireless networks. Because of such reasons, a special section is being planned (scheduled to appear in the December 2010 issue) to further promote research and development in these fields.

1. Scope

This special section aims at timely dissemination of research in areas of wireless distributed networks. Possible topics include:

- Principle theories and their application to WDN
 - ◆Multi-port information theory ◆Array signal processing ◆Bayes theorem ◆Graph theory ◆Convex optimization ◆Game theory
- Element technology for WDN
 - ◆Distributed synchronization ◆Multi-hop relay ◆Cooperative relay ◆Distributed Coding ◆Network coding
 - ◆Fusion ◆Network MIMO ◆Cooperative sensing ◆Distributed resource management ◆Load balancing ◆Network handover
- Applications of WDN
 - ◆Multi-hop/mesh networks ◆Coordinated cellular networks ◆Cognitive networks ◆Heterogeneous networks
 - ◆Self-organized networks

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_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 only papers by electronic submission. Prospective authors are requested to follow carefully the submission process described below.

1. Submit a manuscript and electronic source files (TeX/Word files, figures, authors' photos and biography) for publishing using the IEICE Web site https://review.ieice.org/regist_e.aspx **by April 23, 2010**. Authors should choose the [Special-EB] Wireless Distributed Networks as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [Regular-EB].
2. Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" by E-mail, FAX or postal mail to the following address (guest editor of the special section) by the above due date. There is a possibility that we shall withdraw the manuscript without receiving them by the due date, even if we have received the manuscript by electronic submission. For additional guidelines on manuscript preparation, please visit the web-page: http://www.ieice.org/eng/shiori/mokuji_cs.html

Submission to:

Assoc. Prof. Kei Sakaguchi
Dept. Electrical & Electronic Engineering
Tokyo Institute of Technology
2-12-1 Ookayama, Meguro, Tokyo, 152-8552 Japan.
Tel: +81-3-5734-3910, Fax: +81-3-5734-3594
Email: wdn2010-submission@mobile.ee.titech.ac.jp

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 an 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>