

Call for Papers

----- Special Section on Coding and Coding Theory-Based Signal Processing for Wireless Communications -----

The IEICE Transactions on Communications announces that it will publish a special section entitled “Special Section on Coding and Coding Theory-Based Signal Processing for Wireless Communications” in **December 2012**.

The area on coding and coding theory-based signal processing for wireless communications is drawing attention as a solution to achieve high user throughput and high reliability in wireless communications. These advanced technologies, e.g., near Shannon limit coding, joint network-channel coding, and turbo equalizer, are expected to be essential in future wireless communications. Therefore, a special section is being planned (scheduled to appear in the December 2012 issue) to further promote research and development of this area.

1. Scope

This special section aims at timely dissemination of research in these areas. Possible topics include, but are not limited to:
Channel coding, network coding, superposition coding, distributed coding, space-time coding,
coding-theory based signal processing

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 papers only 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 biographies) via the IEICE Web site: https://review.ieice.org/regist_e.aspx by **April 13, 2012 (Japan Time)**. Authors should choose the [Special-EB] Coding and Coding Theory-Based Signal Processing for Wireless Communications 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. We may withdraw the submission if these documents have not been received by the due date, even if the manuscript has been received by electronic submission. For additional guidelines on manuscript preparation, please visit:
http://www.ieice.org/eng/shiori/mokuji_cs.html.

Send the above documents to:

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3. Special Section Editorial Committee

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* Please note that if the submitted paper is accepted, all authors, including authors of invited papers, are requested to pay for the page charges covering partial cost of publications. Authors will receive 50 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: <http://www.ieice.org/eng/member/OM-appli.html>.