

IEICE TRANSACTIONS

IEICE Transactions on Fundamentals of Electronics, Communications and
Computer Sciences

Call for Papers Special Section on Signal Design and its Application in Communications

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on "Signal Design and its Application in Communications" to be published in **November 2010** as a special section of the Transactions on Fundamentals of Electronics, Communications and Computer Sciences. The objective of this special section is to review and promote recent progress in the field of sequence design and its applications. Topics of interest within the scope of this section include, but are not limited to, the following areas:

- New Concepts in Sequence Design
- Sequences and Error Control
- Sequences and Information Security
- Theoretical Sequence Bounds
- Sequences and Fields/Rings
- Randomness of Sequences
- Sequences and Arrays
- New CDMA System Architectures
- CDMA System Performance Evaluation
- Approximately Synchronous CDMA System
- DSP/FPGA/ASIC Design for CDMA System
- Multiple-terminal System Identification
- Channel Estimation and Receivers
- Modulation, Detection and Synchronization

It is expected that the journal version of a number of high-quality papers presented at the Fourth International Workshop on Signal Design and Its Applications in Communications (IWSDA'09) held in Fukuoka, Japan, during October 19-23, 2009, will be published in this special section. Open submissions are also welcomed.

- Prospective authors are requested to submit a paper using the IEICE Web site https://review.ieice.org/regist_e.aspx until **January 12, 2010**. Authors should choose the [Special-EA] Signal Design and its Application in Communications as a "Type of Section (Issue) /Transactions" on the online screen. Do not choose [Regular-EA].

- Meanwhile, "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" must be received via E-mail, FAX or postal mail until **January 15, 2010**.

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Please write "Special Section on Signal Design and its Applications on Communications" on the front of the envelope.

- Visit <http://www.ieice.or.jp/eng/shiori/mokuji.html> to obtain the information for authors and the paper submission requirements.

- Please note that if accepted, all authors, including the authors of invited papers, will be requested to purchase a minimum of 50 copies of reprints (See Information for Authors). This fee will partially cover the cost of publication.

- The page charge depends on both the length and the number of copies you order. Please note that the preferred paper length is 8 printed pages or less and progressively higher charges are applicable to papers with more than 8 pages (See also the Information for Authors).

- Please note that for the submission to this Special Section, at least one author of each paper must be a member of the IEICE. We strongly recommend that all authors apply for our membership. For membership applications, please visit the web-page, <http://www.ieice.org/eng/member/OM-appli.html>.

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