

IEICE TRANSACTIONS

IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences



Call for Papers

Special Section on Sequence Design and its Application in Communications

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on "Sequence Design and its Application in Communications" to be published in September 2006 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 Cryptography
- 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 Second International Workshop on Sequence Design and Applications in Communications (IWSDA'05) to be held in Shimonoseki, Japan, during October 10-14, 2005, will be published in this special section. All submissions will be rigorously reviewed by international reviewers. Prospective authors are requested to send an email to iwsda05program@ca.csse.yamaguchi-u.ac.jp (Secretary: Dr. Hideyuki Torii) with the PS or PDF files of their manuscripts as an attachment by **December 10, 2005**. In the subject line of the submission email, please specify "IEICE Special Section:" followed by the assigned IWSDA'05 paper number.

Notes:

- Please clearly specify on the cover page that the submission is for the "Special Section on Sequence Design and its Application in Communications".
- Information for authors and the paper submission requirements are available at <http://www.ieice.or.jp/eng/shiori/mokuji.html>.
- Please note that if accepted, all authors, including the authors of invited papers, will be requested to purchase a minimum of 100 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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