



Special Section on Information Theory and Its Applications

CALL FOR PAPERS

The IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming *Special Section on Information Theory and Its Applications* to be published in December 2012*.

The objective of this special section is to discuss, through papers, new theoretical developments and techniques in information theory and its applications to real world problems. The Special Section solicits paper submission not only from people who have presented papers in SITA2011 (Iwate, Japan, November 29 - December 2, 2011), but also from all people in the field. The topics of interest within the scope of this Special Section include, but are not limited to, the following areas:

Shannon Theory, Source Coding, Data Compression, Stochastic Processes, Coding Theory, Channel Coding, Coded Modulation, Sequence Design and Analysis, Spread Spectrum System, Communication Theory, Optical Communication, Detection and Estimation, Cryptology, Information Security, Network Security, Network Coding, Applications of Information Theory, Quantum Information Theory, Image and Speech Processing, Signal Processing, Pattern Recognition and Learning

Respective authors are requested to prepare a manuscript. It is recommended that the length of a paper and a letter for this special section are within 8 and 2 pages, respectively. The deadline for submission is **February 10, 2012**. Manuscript should be prepared according to the guideline given in the "Information for Authors." Its latest version is available at the web site, <http://www.ieice.org/eng/shiori/mokuji.html>.

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 paper using the IEICE Web site https://review.ieice.org/regist_e.aspx. The acceptable format of the file is Adobe Acrobat™ (.pdf) file. Authors should choose the [Special-EA] Information Theory and Its Applications as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [Regular-EA].
2. Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" to Dr. Ken-ichi Iwata (Secretary) by postal mail, FAX or E-mail (with attached PDF file). The deadline for submission is also February 10, 2012. Please mark "Special Section on Information Theory and Its Applications" on the envelope.

ATTENTION1: Please note that authors should send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" ***before*** February 10, 2012 so that we can receive them by February 10, 2012. We cannot start the review process without them, even if we receive the manuscript.

ATTENTION2: 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/>

*Please note that if the number of accepted papers exceeds the limit, some papers may be published in January 2013.

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