

IEICE TRANSACTIONS

IEICE Transactions on Fundamentals of Electronics, Communications and
Computer Sciences

Call for Papers Special Section on Signal Design and its Applications 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 **December 2023** 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
- Signal Design and Finite Fields/Rings
- Wireless Communications and Network
- Spread Spectrum and CDMA Applications
- Data Hiding and Steganography
- GPS and Other Positioning Signals
- Signals for Multi-terminal/Radar Systems
- Channel Estimation, Detection and Synchronization
- Big Data Analysis
- Space-Time Codes
- Discrete Signal Designs and Characteristics
- Coding for Communications and Storage
- Communication Theory and Coding Theory
- Approximately Synchronized CDMA Systems
- Cryptography, Privacy and Security
- Signals for UWB/OFDMA/Powerline Systems
- DSP/FPGA/ASIC Implementation Issues
- Network Coding and Applications
- Complexity and Computation Theory
- Compressed Sensing and Sparse Modeling

It is expected that the journal version of a number of high-quality papers presented at the Tenth International Workshop on Signal Design and Its Applications in Communications (IWSDA 2022) held in University of Essex, UK, from August 1 to 5, 2022, will be published in this special section. Open submissions are also welcomed.

- Authors should submit a paper using the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx by **February 6, 2023**. Authors should choose the [Special-SD] Signal Design and its Applications in Communications as a "Journal/Section" on the online screen. Do not choose [Regular-EA].
- Authors must agree to the "Copyright Transfer, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy" via the same web site.

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- Visit "The Information for Authors" (https://www.ieice.org/eng/shiori/mokuji_ess.html) for paper submission.
- Please note that if accepted, all authors will be requested to pay the page charges around August 15, 2023 (See Information for Authors). If payment is not completed by the deadline, your manuscript will be handled as rejection.
- The page charge depends on the manuscript style, 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).
- If there are non-members among the authors, we recommend that the authors take this opportunity to join the IEICE. For detailed information on the IEICE Membership Application, please visit the web-page, https://www.ieice.org/eng_r/join/individual_member.html. If all authors are non-members, the article processing charge for non-members will be applied, except for invited papers.

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