

# 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 Applications in Communications" to be published in **July 2027** 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 Networks
- 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 11th International Workshop on Signal Design and its Applications in Communications (IWSDA 2025) held in The University of Melbourne, AU, from December 7 to 11, 2025, 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](https://review.ieice.org/regist/regist_baseinfo_e.aspx) by **June 5, 2026**. 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].
- Meanwhile, "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" must be submitted from the same web site as paper submission by **June 5, 2026**.

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- Visit "The Information for Authors" ([https://www.ieice.org/eng/shiori/mokuji\\_ess.html](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 January 15, 2027 (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).
- 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, [https://www.ieice.org/eng\\_r/join/individual\\_member.html](https://www.ieice.org/eng_r/join/individual_member.html).

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