

Call for Papers

----- Special Cluster in Emerging Communication Technologies in Conjunction with Main Topics of IEICE ICETC 2024 -----

The IEICE Communications Express (ComEX) announces that it will publish a special cluster entitled “Special Cluster in Emerging Communication Technologies in Conjunction with Main Topics of IEICE ICETC 2024” in **August 2025**.

The 5th IEICE-CS International Conference on Emerging Technologies for Communications (IEICE ICETC 2024) will be held as in Sapporo, JAPAN from November 25th to 27th, 2024. This is the third international conference on all the technical fields covered by IEICE Communications Society. The objectives of the conference are synergistic effects beyond the technical fields, expansion of research areas and development of young researchers. This international conference is a place for discussions; therefore, not only recent research results but also preliminary results at initial stage on a research are welcomed.

This special cluster strongly encourages the presenters and co-authors at IEICE ICETC 2024 to submit your papers to promote the publication of extended version of your papers. The paper submission is not limited to the authors of IEICE ICETC 2024.

1. Scope

The scope of this special cluster includes, but is not limited to, the following topics:

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| - Antennas and Propagation | - Internet Architecture | - Satellite Telecommunications |
| - Electromagnetic Compatibility | - Communication Quality | - Information Networks |
| - Space, Aeronautical and Navigational Electronics | - Information and Communication Management | - Energy Engineering in Electronics and Communications |
| - Smart Radio | - Short Range Wireless Communications | - Sensor Network and Mobile Intelligence |
| - Communication Systems | - Network Systems | - Optical Communication Systems |
| - Optical Fiber Technology | - Photonic Network | - Radio Communication Systems |
| - Healthcare and Medical Information Communication Technology | - Standardization & Innovation in ICT Technologies | - Photonics-applied Electromagnetic Measurement |
| - Wireless Power Transmission | - Extremely Advanced Optical Transmission | - Information-centric Networking |
| - Digital Service and Platform Technology | - Underwater Technologies | |

2. Schedule

Two submission periods are prepared for this special cluster, and the deadlines are set as:

First deadline: January 6th, 2025 (JST) (Submission will open about one month prior to the first deadline.)

Second deadline: February 24th, 2025 (JST) (Submission will open at February 4th, 2025.)

3. Submission Instructions

The maximum number of pages is four (4). Manuscripts should be prepared according to the guideline in the “Information for Authors.” The latest version is available at the web site, https://www.comex.ieice.org/data/for_authors.html. In particular, please refer to the paragraph on novelty. Review process will begin immediately after submission. The notification of review evaluation for the letter submitted in the first submission period and that in the second one will be sent by **February 3rd, 2025** and **March 24th, 2025**, respectively. It is allowed that authors submit a revised version of the letter, which is rejected in the first submission period, in the second submission period. All the accepted letters will be published online on IEEE Xplore and J-STAGE as open access articles under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License. Before the finalized versions, the accepted letters will be published online on IEEE Xplore after the payment is completed as an pre-print version of the manuscripts. The publication date of the special cluster is fixed at **August 1st, 2025**.

ComEX will accept only the letter type of manuscripts by electronic submission using one of the officially approved formats (LaTeX style file or Microsoft Word template). Submit a manuscript and electronic source files (LaTeX/Word files, figures) via the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. In this regard, authors should choose [Emerging Communication Technologies in Conjunction with Main Topics of IEICE ICETC 2024] as a “Journal/Section” on the online screen. Do not choose [Regular-XB].

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4. Special Cluster Editorial Committee

Guest Editor-in-Chief: Toru Takahashi (Mitsubishi Electric Corporation)

Guest Editors: Masaki Bandai (Sophia Univ.), Go Hasegawa (Tohoku Univ.)

Guest Associate Editors: Tomohiro Ishihara (Univ. of Tokyo), Masakatsu Ogawa (Sophia Univ.), Keisuke Kasai (Tohoku Univ.), Gia Khanh Tran (Tokyo Institute of Technology), Masanori Nakamura (NTT), Eisuke Nisiyama (Saga Univ.), Masatsugu Higashinaka (Mitsubishi Electric), Kazuki Maruta (Tokyo University of Science), Ryo Yamamoto (UEC)

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