

Call for Papers

----- Special Cluster in Emerging Communication Technologies in Conjunction with Main Topics of IEICE ICETC 2026 -----

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 2026” in **August 2027**.

The 7th IEICE-CS International Conference on Emerging Technologies for Communications (IEICE ICETC 2026) will be held in Taipei, Taiwan, on November 23rd – 25th, 2026. The conference covers all the technical fields in the 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 the initial stage of research are welcomed. The conference has two special sections of online journals, which are in the IEICE Communications Express (ComEX) and the IEICE Transactions on Communications (Trans. Commun.).

This special cluster strongly encourages the presenters and co-authors at IEICE ICETC 2026 to submit their papers to promote the publication of the extended versions. The paper submission is not limited to the authors of IEICE ICETC 2026.

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 | - Information and Communication | - Energy Engineering in Electronics and |
| Navigational Electronics | Management | 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 | - Standardization & Innovation in ICT | - Extremely Advanced Optical |
| Communication Technology | Technologies | Transmission |
| - Wireless Power Transmission | - Information-centric Networking | - Underwater Technologies |
| - Digital Service and Platform | - In-vehicle ICT and AD/ADAS-ITS | - Quantum Communications and Networks |
| Technology | Infrastructure for Regional ICT Platforms | |

2. Schedule

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

First deadline: January 6th, 2027 (JST) (Submission will open about one month prior to the first deadline.)

Second deadline: February 24th, 2027 (JST) (Submission will open on February 4th, 2027.)

3. Submission Instructions

The maximum length of a paper is four (4) pages, excluding one (1) references page. Manuscripts should be prepared according to the guideline in the “Information for Authors.” The latest version is available at the web site, https://www.ieice.org/cs_r/eng/comex/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, 2027, and March 24th, 2027, 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 a pre-print version of the manuscripts. The publication date of the special cluster is fixed for August 1st, 2027.

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 2026] as a “Journal/Section” on the online screen. Do not choose [Regular-XB].

Contact Person: Daisuke Umehara
Kyoto Institute of Technology, JAPAN
Email: cs-comex-icetc2026@mail.ieice.org

4. Special Cluster Editorial Committee

Guest Editor-in-Chief: Yukitoshi Sanada (Keio Univ.)

Guest Editors: Katsuyoshi Iida (Hokkaido Univ.), Daisuke Umehara (Kyoto Inst. of Tech.)

Guest Associate Editors: TBD

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