

Call for Papers

— Special Section on Emerging Communication Technologies in Conjunction with Main Topics of ICETC 2024 —

The IEICE Transactions on Communications announces that it will publish a special section entitled "Special Section on Emerging Communication Technologies in Conjunction with Main Topics of ICETC 2024" in February 2026.

The 2024 International Conference on Emerging Technologies for Communications (ICETC 2024) will be held at Kokura, Japan on November 25th – 27th, 2024. The ICETC 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 on research are welcomed. ICETC2024 has two special sections of online journals, which are in the IEICE Transactions on Communications (Trans. Commun.), and in the IEICE Communications Express (ComEX).

This special section strongly encourages the presenters and co-authors at ICETC2024 to submit their papers to promote the publication of the extended versions. The paper submission is not limited to the authors of ICETC2024.

1. Scope

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

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

2. Submission Instructions

The standard number of pages is 8. The page charges are considerably higher for extra pages. 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/eng/shiori/mokuji_cs.html. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule.

This special section will accept papers only by electronic submission. Submit a manuscript and electronic source files (LaTeX/Word files, figures, authors' photos, and biographies) via the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx by **February 28, 2025 (JST)**. Authors should choose the Emerging Communication Technologies in Conjunction with Main Topics of ICETC2024 as a "Journal/Section" on the online screen. Do not choose [Regular EB]. Be sure to submit to the journal of the authors' choice (Trans. Commun. or ComEX).

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3. Special Section Editorial Committee

Guest Editor-in-Chief: Shoji Kasahara (Nara Institute of Science and Technology)

Guest Editors: Hideyuki Shimonishi (Osaka University), Shinsuke Ibi (Doshisha University)

Guest Associate Editors: Kazuya Suzuki (Akita Prefectural University), Celimuge Wu (The University of Electro-Communications), Junichi Naganawa (Electronic Navigation Research Institute), Keisuke Noguchi (Kanazawa Institute of Technology), Yusuke Hirota (NICT), Yuichi Miyaji (Aichi Institute of Technology), Tomoki Murakami (NTT), Yoshihara Kiyohito (KDDI Research)

* Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.

* Upon accepted for publication, all authors, including authors of invited papers, should pay the page charges covering the partial cost of publication around Aug 2025. For detailed information, please visit https://www.ieice.org/eng/shiori/page2_cs.html#5

* Accepted papers will be published online on the publishing websites (IEEE Xplore, J-STAGE, and IEICE Transactions Online) immediately after the payment. For detailed information, please visit https://www.ieice.org/eng/shiori/page2_cs.html#8