

[Call for Papers]

----- Special Cluster in Antennas and Propagation Technologies 2024 -----

The IEICE Communications Express (ComEX) announces that it will publish a special section entitled “Special Cluster on Antennas and Propagation Technologies 2024” in **June 2025**. The objective of this special section is to report the advanced technologies on the antenna and propagation related to progressing technologies for next-generation mobile communication systems, MIMO, PAN/BAN, wireless power transmission, and so on. In 2024, several conferences (The IEICE Society Conference 2024 and ISAP2024 in Incheon, etc.) will be held, which aims at providing an international forum for exchanging information on such progress of research and development in antennas, propagation, electromagnetic wave theory, and the related fields. By taking this opportunity, the special section has been planned to publish letters in cluster fashion, which aims to raise the interest of researchers in the field of antennas, propagation, and related topics.

1. Scope

This special section aims at the timely dissemination of research in these areas. Possible topics include but are not limited to antennas and propagation technologies related to progressing technology for next-generation mobile communication systems, MIMO, PAN/BAN, and wireless power transmission, so forth. The topics also include electromagnetic wave theory and its related topics, including emerging topics for metamaterial, nano-electromagnetics, and its antenna applications.

2. Submission Deadline

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

- **First deadline: November 29th, 2024 (JST)** (The submission site will open on November 8th, 2024.)
- **Second deadline: January 24th, 2025 (JST)** (The submission site will open on January 6th, 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 website, https://www.ieice.org/publications/comex/data/for_authors.html. In particular, please refer to the paragraph on novelty. The 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 **December 27th, 2024**, and **February 20th, 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 papers will appear on the IEICE ComEX website immediately as a pre-print version of the manuscripts posterior to the notification of acceptance. The publication date of the special cluster is fixed on June 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 the Special Cluster on Antennas and Propagation Technologies 2024 as a “Journal/Section” on the online screen. Do not choose [Regular-XB].

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4. Special Section Editorial Committee

Guest Editor-in-Chief: Yuan Qiaowei (Tohoku Institute of Tech.)

Guest Editors: Michitaka Ameya (AIST), Manabu Yamamoto (Hokkaido Univ.)

Guest Associate Editors: Takuji Arima (TUAT), Nozomi Haga (Toyohashi Univ. of Tech.), Hiroaki Nakabayashi (Chiba Institute of Tech.), Ryuji Kuse (Kumamoto Univ.), Kentaro Murata (Iwate Univ.), Yoshiki Sugimoto (Nagoya Institute of Tech.)

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* Please note that if accepted, all authors are requested to pay for the article processing charge.

* **All non-member submissions are accepted. Please take this opportunity to submit to our journals.**

* 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.

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