

Call for Papers

----- Special Section on Recent Progress in Antennas and Propagation in Commemoration of Yagi-Uda Antenna 100th Anniversary -----

The IEICE Transactions on Communications announces “Special Section on Recent Progress in Antennas and Propagation in Commemoration of Yagi-Uda Antenna 100th Anniversary” in **August 2025**. The objective of this special section is to publish recent research results on antenna and propagation technologies in commemoration of Yagi-Uda Antenna 100th Anniversary. The special section has also been planned to publish papers on progressed discussion in IEEE iWAT2024 (IEEE International Workshop on Antenna Technology 2024) to be held in Sendai, Japan, during April 15 – 18, 2024, which provides an international forum for exchanging recent information on progress of the researches. Submissions are available particularly from, but not limited to, the authors in the symposium.

1. Scope

This special section aims at timely dissemination of recent research results on antenna and propagation technologies including progressing research fields in iWAT2024. Possible topics include antennas and propagation technologies such as antenna design techniques, beyond 5G/6G mobile communication systems, MIMO, millimeter-wave/THz/optical applications, and wireless power transmission. The topics also include electromagnetic wave theory and computational methods for various electromagnetic topics including metamaterial/meta-surface, radar and sensing applications, and underwater/sea communications. However, the field of papers submitted to this special section is not limited to the above topics.

2. Submission Instructions

The standard number of pages is 8. The article processing charge 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 **August 30th, 2024 (JST)**. Authors should choose the Special Section on Recent Progress in Antennas and Propagation in Commemoration of Yagi-Uda Antenna 100th Anniversary as a “Journal/Section” on the online screen. Do not choose [Regular EB].

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3. Special Section Editorial Committee

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