

## Call for Papers

### — Special Section on Emerging Communication Technologies in Conjunction with Main Topics of ICETC 2022 —

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 2022" in **December 2023**.

The 2022 International Conference on Emerging Technologies for Communications (ICETC 2022) will be held at Waseda University in hybrid style on November 29th - December 1st, 2022. 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. ICETC2022 has two special sections of online journals, which are in the IEICE Transactions on Communications (Trans-B), and in the IEICE Communications Express (ComEX).

This special section strongly encourages the presenters and co-authors at ICETC2022 to submit your papers to promote the publication of an extended version of your papers. The paper submission is not limited to the authors of ICETC2022.

#### 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                            |
| - Information and Communication Management             | - Information Networks                          | - Smart Radio                                      |
| - Short Range Wireless Communications                  | - Sensor Network and Mobile Intelligence        | - Communication Systems                            |
| - Energy Engineering in Electronics and Communications | - Network Systems                               | - Optical Communication Systems                    |
| - Optical Fiber Technology                             | - Photonic Network                              | - Standardization & Innovation in ICT Technologies |
| - Radio Communication Systems                          | - Wireless Power Transmission                   | - Extremely advanced Optical Transmission          |
| - Network Virtualization                               | - Photonics-applied Electromagnetic Measurement | - 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/mokujishi.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](https://review.ieice.org/regist/regist_baseinfo_e.aspx) by **February 27, 2023 (JST)**. Authors should choose the Emerging Communication Technologies in Conjunction with Main Topics of ICETC2022 as a "Journal/Section" on the online screen. Do not choose [Regular EB]. Be sure to submit to the journal of your choice (Trans-B or ComEX).

#### Contact point:

**Toshio Tonouchi, RIKEN**

**Email: [eb-icetc2022@mail.ieice.org](mailto:eb-icetc2022@mail.ieice.org) (to open)**

#### 3. Special Section Editorial Committee

**Guest Editor-in-Chief:** Joji Maeda (Tokyo University of Science)

**Guest Editors:** Osamu Takyu (Shinshu University), Toshio Tonouchi (RIKEN)

**Guest Associate Editors:** Koichi Adachi (The University of Electro-Communications), Kensuke Fukuda (National Institute of Informatics), Masashi Iwabuchi (NTT), Yu Miyoshi (NTT), Yuki Sato (GS1 Japan), Nobuyasu Takemura (Nippon Institute of Technology), Tomoya Tandai (Toshiba), Kazuya Tsukamoto (Kyushu Institute of Technology)

\* Authors must agree to the " Copyright Transfer, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy " via electronic submission.

\* Upon accepted for publication, all authors, including authors of invited papers, should pay the article processing charge covering the partial cost of publication around May 2023.

For detailed information, please visit [https://www.ieice.org/eng/shiori/page2\\_cs.html#5](https://www.ieice.org/eng/shiori/page2_cs.html#5)

\*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](https://www.ieice.org/eng_r/join/individual_member.html). If all authors are non-members, the article processing charge for non-members will be applied, except for invited papers.

\* The accepted papers will be published online soon on the web site of Transactions Online after the payment of article processing charge has been completed. For detailed information, please visit [https://www.ieice.org/eng/shiori/page2\\_cs.html#8](https://www.ieice.org/eng/shiori/page2_cs.html#8)