

—special section on Picture Coding and Image Media Processing —submit by **January 5, 2024** published in **January 2025**

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on “Picture Coding and Image Media Processing” to be published in Transactions on Information and Systems. We invite submissions of original and unpublished papers, including letters, in the field of wide range of picture coding and image media processing.

1. Scope

Original papers on both picture coding and image media processing, and its related research are welcome to this special section. The topics of interest include, but are not limited to the following:

- *Picture coding*: Fundamentals of picture coding, standardization related technologies, motion estimation / motion compensation method, prediction / transform / filtering method, quantization / entropy coding, image segmentation / feature extraction, 3D video coding, encoding control / rate control, distribution (fixed and mobile network), evaluation of coded picture quality, new coding method, and related topics.
- *Image media processing*: Fundamentals of image media processing, hue / color spectrum /color space, image recognition / analysis, image recovery/ super-resolution / ultra-high definition (4K/8K) TV, 3D image technology / processing, video acquisition / display processing, image production, HCI / augmented reality, mixed reality, steganography / embedded information, application of image media processing / implementation technologies, and related topics (DB, sensor, ITS, etc.).

Papers which are **not** on picture coding or image media processing may be rejected without review.

2. Submission Guidelines:

- A manuscript should be prepared according to the guideline given in “The Information for Authors” (https://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (<https://www.ieice.org/ftp/index-e.html>). The preferred length of the manuscript is 8 pages for a PAPER and 2 pages for a LETTER with the format determined by the IEICE Style File.
- Submit the manuscript through the IEICE Web site (https://review.ieice.org/regist/regist_baseinfo_e.aspx). Choose “[**Special-PC**] **Picture Coding and Image Media Processing**” in the menu of “Journal/Section” in the submission page. Do not choose “[Regular-ED] Information and Systems” or other special sections.
- Authors must agree to the “ Copyright Transfer, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy ” via electronic submission.
- Contact:

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3. Important dates:

- Paper submissions: Jan. 5, 2024 23:59 (JST)
- Notification of initial decision: Feb. 22, 2024
- Notification of acceptance: May 24, 2024

Regardless of the above date, the notification of acceptance will be sent within about 4 weeks after receiving the revised version of the manuscript.

4. Notice to the Authors:

- **Upon accepted for publication, all authors, including authors of invited papers, should pay the article processing charge covering partial cost of publication around June 2024. If payment is not completed by 15th July, 2024, your manuscript will be handled as rejection.**
- 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.
If all authors are non-members, the article processing charge for non-members will be applied, except for invited papers.
- The standard period of 60 days between the notification (of conditional accept) and the second submission can be shortened according as the review schedule.
- Open Access Publishing: All papers published in the IEICE Transactions on Information and Systems since January 2008 have been opened to all readers in the world through J-STAGE.
<https://www.jstage.jst.go.jp/browse/transinf>.
- **IEICE will begin a multilingual (16 languages) translation trial of IEICE Transactions Online in April 2024. Please visit. https://www.ieice.org/eng/s_issue/cfp/triale.pdf for details.**

5. Special Section Editorial Committee for Japanese and English Editions:

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