

—special section on Picture Coding and Image Media Processing —

submit by December 15, 2017 published in September 2018

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on “Picture Coding and Image Media Processing”, which is 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 We invite submissions of original and unpublished papers, including letters, in the field of wide range of picture coding and image media processing.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, evaluation of coded picture quality, still image coding, video coding, standardization related technologies, motion vector estimation, motion compensation method, variable length / entropy coding, rate control, image segmentation / feature extraction, object-/model-based coding, stereo / multi-view / 3D / free-viewpoint video coding, wireless video coding, hardware / software implementation of coding, new coding method, and related topics.
- *Image media processing*: Fundamentals of image media processing, free-viewpoint video, 3D image technology, high definition image technology, virtual reality, augmented reality, mixed reality, video database, network video technology, image generation / production, image enhancement / super-resolution / recognition, very-large-scale integration (VLSI) for image media processing, steganography, lifelog, and related topics.

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*” (http://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (<http://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.
- This special section will accept only papers by electronic submission. Submit the manuscript and transfer the copyright to the IEICE 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.
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3. Important dates:

- Paper submissions: Dec. 15, 2017 23:59 (JST)
- Notification of initial decision: Feb. 16, 2018
- Notification of acceptance: May 21, 2018

4. Notice to the Authors:

- If the paper is accepted, authors are requested to pay for the page charge which covers partial cost of publications.
- The standard period of 60 days between the notification (of conditional accept) and the second submission can be shortened according as the review schedule.
- **At least one of the authors must be an IEICE member** when the manuscript is submitted for review. Invited papers are an exception. We recommend authors unaffiliated with IEICE to apply for the membership (http://www.ieice.org/eng/join_ieice/index.html).
- The IEICE Transactions on Information and Systems is an open access journal from January, 2017. All papers published in this journal are accessible via the J-STAGE (<https://www.jstage.jst.go.jp/browse/transinf/>).

5. Special Section Editorial Committee:

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