

Call for Papers

Special Section on Empirical Software Engineering

The IEICE Transactions on Information and Systems announces that it will publish a special section entitled "Special Section on Empirical Software Engineering" in **January 2021**.

This special section of the IEICE Transactions on Information and Systems targets scientific contributions, development and empirical assessment of software engineering technologies, and practical or industrial experience reports in empirical software engineering research. We also particularly encourage submissions of extended papers accepted and presented at the 10th International Workshop on Empirical Software Engineering in Practice (IWESEP 2019).

The objective of this special section is to share new and innovative contributions, the strength and weakness of technologies in use and new technologies, and original or replicated studies varying from controlled experiments to field studies and from quantitative to qualitative analyses.

1. Scope

This special section aims at timely dissemination of research in this area. Possible topics include, but are not limited to:

- Automated support for software development
- Development of tools/systems, and management reports
- Empirical studies using qualitative, quantitative, and mixed methods
- Evaluation and comparison of techniques and tools
- Experiments and quasi-experiments
- FLOSS development and software ecosystems
- Human factors and social aspects of software engineering
- Industrial experiences
- Meta-analyses
- Software analytics
- Software documentation
- Software process and products
- Software quality management
- Software reuse
- Testing, verification, and validation

2. Submission Instructions

–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-MP] Empirical Software Engineering” 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 and Page Charge Agreement" via electronic submission.

–Submission deadline of the manuscript is **February 28, 2020 23:59 JST (GMT+9)**. **[firm deadline]**

3. Contact:

Hideaki Hata

Nara Institute of Science and Technology

Tel: +81-743-72-5318, Fax: +81-743-72-5319, Email: hata@is.naist.jp

4. Special Section Editorial Committee

Guest Editor-in-Chief: Hideaki Hata (NAIST)

Guest Associate Editor-in-Chief: Yasutaka Kamei (Kyushu Univ.), Keisuke Hotta (Fujitsu Lab.), Christoph Treude (Univ. of Adelaide)

Guest Associate Editors: Shinpei Hayashi (Tokyo Tech), Kazuhiro Yamashita (Fujitsu Lab.), Tetsuya Kanda (Osaka Univ.), Erina Makihara (Doshisha Univ.), Passakorn Phannachitta (Chiang Mai Univ.), Raula Gaikovina Kula (NAIST)

*** Upon accepted for publication, all authors should pay the page charges covering partial cost of publication**

around September 2020. If payment is not completed by October 15, 2020 your manuscript will be handled as rejection.

*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. We recommend authors unaffiliated with IEICE to apply for the membership (https://www.ieice.org/eng/join_ieice/index.html).

*Open Access Publishing: Since January 2017, all papers of the IEICE Transactions on Information and Systems stored in J-STAGE that include all papers published from January 2017 have been opened to all reader in the world through J-STAGE. Open Access Option for many transactions in IEICE will not be applied to papers in January 2020 issue and following issues of the IEICE Transactions on Information and Systems. (Open Access Publishing will be continued after January 2020.). For details on Open Access Publishing and Open Access Options, please carefully refer to “The Information for Authors” (https://www.ieice.org/eng/shiori/mokuji_iss.html). Note that these rules may be changed without notice.