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 **March 2025**.

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. Its objective 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. We also encourage submissions extended from the technical reports presented at workshops hosted by the IEICE Technical Committee on Software Science.

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
- Science of software development
- 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, Article Processing Charge Agreement, Notices from the IEICE, and Privacy Policy" via electronic submission.
- Submission deadline of the manuscript is **Mar. 22, 2024 23:59 JST (GMT+9).** [firm deadline]

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4. Special Section Editorial Committee
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5. Notes
- Upon accepted for publication, all authors, including authors of invited papers, should pay the page charges covering partial cost of publication around August 2024. If payment is not completed by September 15 , 2024 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.
- 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.
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