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 February 2023.

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 March 31, 2022 23:59 JST (GMT+9). [firm deadline]

3. Contact:
Shinpei Hayashi
Tokyo Institute of Technology
Tel: +81-3-5734-3213, Email: hayashi@c.titech.ac.jp

4. Special Section Editorial Committee
Guest Editor-in-Chief: Shinpei Hayashi (Tokyo Tech.)
Guest Associate Editor-in-Chief: Akinori Ibara (Wakayama Univ.), Takashi Kobayashi (Tokyo Tech.)
Guest Associate Editors: Sousuke Amasaki (Okayama Pref. Univ.), Shinpei Ogata (Shinshu Univ.), Takayuki Omori (Ritsumeikan Univ.), Masateru Tsuchida (Kindai Univ.), Kunihiko Noda (Fujitsu Ltd.), Erina Makihara (Doshisha Univ.), Raula Gaikovina Kula (NAIST)

5. Notes
- Upon accepted for publication, all authors should pay the page charges covering partial cost of publication around October 2022. If payment is not completed by November 15, 2022, the 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.
- 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 readers in the world through J-STAGE.

For details on Open Access Publishing and Open Access Options, please carefully refer to “The Information for Authors”. Note that these rules may be changed without notice. https://www.ieice.org/eng/shiori/mokuji_iss.html