Call for Papers

― Special Section on Parallel and Distributed Computing and Networking ―

The IEICE Transactions on Information and Systems announces a forthcoming Special Section on “Parallel and Distributed Computing and Networking” to be published in December 2018. The objective of this special section is to publish and overview recent progress in the interdisciplinary area of Parallel and Distributed Computing and Networking. This special section will include papers based on the presentation at the International Symposium on Computing and Networking (CANDAR’17) in addition to papers applied for this call for papers. All submitted papers are subjected to the same review process as those papers accepted for publication in the regular issues.

Topics of interest include, but are not limited to:

a. Parallel/distributed Algorithms and Applications (e.g., High-performance computing, Image processing and Computer graphics, Data mining and Information retrieval, Multicore and Accelerator-based computing, Network algorithms, Green computing, Simulation and Visualization, Scheduling and Load balancing, and Performance model and Evaluation),
b. Parallel/distributed Systems and Architectures (e.g., Parallel processor architectures, Cluster/Grid systems, Network and Storage architectures, Network-on-Chip, and High performance interconnect),
c. Distributed Systems and Networking (e.g., Ubiquitous computing, P2P networks, and Wireless networks and Mobile computing), and
d. Software and Technologies for Parallel/Distributed Systems (e.g., Operating systems, Middleware, Tools, Virtualization, Parallel programming models and Languages, Web services, Cloud and Distributed computing, and Cluster/Grid Scheduling and Resource management).

Guideline for paper submission:

a. The recommended length is 8 printed pages for a paper, and 2 printed pages for a letter. In preparing the manuscript, authors should follow the Information for Authors on IEICE Transactions, which describes the standard format of papers. Information for Authors is available through http://www.ieice.org/eng/shiori/mokuji_iss.html. We encourage the authors to use IEICE Style File (http://www.ieice.org/ftp/index-e.html).

b. Please submit a paper using the IEICE web-page https://review.ieice.org/regist/regist_baseinfo_e.aspx by December 22, 2017 January 6, 2018 (extended). The format of manuscript is limited to PDF. Authors should select “[Special-PA] Parallel and Distributed Computing and Networking" as a “Journal/Section" on the online screen. Do not select “[Regular-ED] Information and Systems” or other special sections.

c. The IEICE Transactions on Information and Systems is an open access journal from January, 2017. All accepted papers are available via J-STAGE (https://www.jstage.jst.go.jp/browse/transinf/).

Contact:

Akihiro Fujiwara
Faculty of Computer Science and Systems Engineering, Kyushu Institute of Technology
Email: pdcn18@ml.cse.kyutech.ac.jp

Special Section Editorial Committee:

Guest Editor-in-Chief:
Akihiro Fujiwara (Kyushu Institute of Technology)

Guest Editors:
Michihiro Koibuchi (NII), Fukuhito Ooshita (Nara Institute of Science and Technology)

Guest Associate Editors:
Ikki Fujiwara (NICT), Naoto Fukumoto (FUJITSU Lab.), Hiroaki Inoue (NEC), Hiroshi Inoue (IBM Japan), Yasuaki Ito (Hiroshima Univ.), Kenji Kise (Tokyo Tech), Teruaki Kitasuka (Hiroshima Univ.), Hironori Nakajo (Tokyo Univ. of Agriculture and Technology), Yoshitaka Nakamura (Future Univ. Hakodate), Takashi Miyoshi (FUJITSU Lab.), Masakatsu Ogawa (Sophia Univ.), Yukinori Sato (Tokyo Tech), Ryota Shiyoa (Nagoya Univ.), Kazuya Tsukamoto (Kyushu Institute of Technology), Hayaot Yamaki (Univ. Electro-Communications), Toshihiro Yamauchi (Okayama Univ.), Yukiko Yamauchi (Kyushu Univ.)

Important Notice

• Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.
• Please note that if accepted for publication, all authors, including authors of invited papers, are requested to pay for the page charges to cover the partial cost of publication.
• At least one of the authors should be an IEICE member when the manuscript is submitted for review. We recommend that authors unaffiliated with IEICE apply for membership. For membership applications, please visit the web-page: http://www.ieice.org/eng/join_ieice/index.html