

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 2017. 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'16) and the International Symposium on Network-on-Chip (NOCS'16) 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 January 6, 2017 (JST). 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.

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