

Call for Papers

Special Section on Parallel/Distributed Computing and Networking

Scope and Interests

The IEICE Transactions on Information and Systems announces a forthcoming special section on "Parallel/Distributed Computing and Networking" to be published in **February 2006**.

The field of parallel/distributed computing and networking has obtained prominence through advances in electronic and integrated technologies beginning in the 1940s. Current times are very exciting and the years to come will witness a proliferation in the use of parallel, distributed and network systems.

The purpose of this special section is for computer scientists, engineers and researchers to present their recent advances, ideas, results and to exchange experiences in the areas of architectural, compilation, language, networking and other supports for problems in Parallel and Distributed Computing area.

Possible topics include, but are not limited to:

1. Parallel and distributed hardware, architectures and computation models
2. Parallelizing compilers, tools, programming languages and algorithms, operation system support and I/O issues
3. Interconnection networks
4. Optical networks
5. Wireless networks, sensor networks, and mobile computing
6. High performance scientific and engineering computing
7. Performance evaluation and measurements
8. Network routing, communication and fault-tolerance algorithms
9. High performance biological/ molecular computing
10. Cluster, peer-to-peer, grid, pervasive and ubiquitous computing

Guideline for Submission:

a. In preparing the manuscript, authors should be subjected to the Information for Authors on IEICE Transactions, which describes the standard format of papers. Information for Authors is available through WWW service (<http://www.ieice.org/eng/shiori/mokuji.html>).

b. Please prepare a manuscript as a PDF or PS or Word file and send to Dr. Hui Wang (hwang@u-aizu.ac.jp).

Please write the E-mail address of the representative author on the cover page of the manuscript with 5 KEYWORDS. The editorial committee will send a receipt notification to the representative author via E-mail within four days after submitting the manuscript. For more information about the paper submission, please contact to:

Dr. Hui Wang
Department of Computer Software, The University of Aizu
Aizu-Wakamatsu City, Fukushima 965-8580, Japan
Tel: 81-242-37-2763 Fax: 81-242-37-2744
E-mail: hwang@u-aizu.ac.jp

c. It is recommended that the paper does not exceed 8 printed pages. If it exceeds this limit, extra fee will be charged.

d. All authors, including authors of invited papers, are requested to pay for the page charges that cover a part of the publication cost. The page charges help cover the substantial cost of editing and publishing the IEICE Transactions. Peer review of your manuscript is provided as a service. Authors are entitled to 100 free reprints of their published articles.

e. Please be advised that in the case that a large number of papers are accepted for publications, a portion of these papers may be published in another issue of the journal.

Call for Papers

Important Deadlines:

1. **March 31, 2005: submission deadline**
2. June 30, 2005: the first reviewing results reported to authors
3. August 15, 2005: the revised paper submission
4. September 15, 2005: final decision to authors
5. October 10, 2005: authors send final manuscripts
6. February 2006: publishing the issue

Editorial Board:

Guest Editors-In-Chief:

Minyi Guo, University of Aizu, Japan

Email: minyi@u-aizu.ac.jp

Albert Zomaya, University of Sydney, Australia

Email: zomaya@it.usyd.edu.au

Associated Guest Editors:

Francis C. M. Lau,	University of Hong Kong, P. R. China
Sajal K. Das,	University of Texas at Arlington, USA
Susumu Horiguchi,	Tohoku University, Japan
Xiaohong Jiang,	JAIST, Japan
Stephan Olariu,	Old Dominion University, USA
Jie Wu,	Florida Atlantic University, USA
Pin-Han Ho	University of Waterloo, Canada
Ivan Stojmenovic,	University of Ottawa, Canada
Hui Wang,	University of Aizu, Japan
Chengzhong Xu,	Wayne State University, USA
Jingling Xue,	University of New South Wales, Australia
Bing Bing Zhou,	University of Sydney, Australia
Koji Nakano	Hiroshima University