
FOREWORD

Special Section on Parallel and Distributed Computing and Networking

Welcome to the Special Section on Parallel and Distributed Computing and Networking, The IEICE Transactions on Information and Systems. This special section was planned to publish high quality papers reflecting the recent research activities in the fields of parallel/distributed computing and networking, such as parallel/distributed algorithms and their applications, innovative hardware and parallel/distributed architectures, distributed systems and networking, and software systems and fundamental technology. During the planning of the special section, we expected that earlier versions of several contributed papers have been presented at the 10th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT 2009) held in Hiroshima on December 8–11, 2009. We encouraged the participants of the conference to submit their recent achievements in an extended form.

In response to our call for papers, a total of 27 technical papers were submitted to the editorial committee, where 14 from Japan, 9 from China, 2 from Taiwan, and 1 from each of Korea and Brazil. All submissions were reviewed by at least two committee members or external reviewers, and through a careful reviewing process, finally the editorial committee accepted 11 papers and 2 letters, about 48% of all submissions. It was an extremely difficult task to select papers to be published because there were so many excellent and interesting submissions.

It is my honor to serve as the guest editors-in-chief of this special section. It is the result of hard and excellent work of the guest associate editors. Especially, we could not reach our goal without a hard work of two Guest Editors, Dr. Shuichi Ichikawa and Dr. Shigeaki Tagashira. We would also like to express our sincere appreciation to all authors for their valuable contributions, and to all external reviewers for their cooperation and contributions.

Guest Associate Editors (Alphabetical order):

Yutaka Arakawa (Kyushu University), Masahiro Iida (Kumamoto University), Hirotsugu Kakugawa (Osaka University), Yoshiaki Katayama (Nagoya Institute of Technology), Keiichi Kaneko (Tokyo University of Agriculture and Technology), Kenji Kise (Tokyo Institute of Technology), Teruaki Kitasuka (Kumamoto University), Ryoichi Shinkuma (Kyoto University), Osamu Tatebe (Tsukuba University), Hironori Nakajo (Tokyo University of Agriculture and Technology), Koji Nakano (Hiroshima University), Susumu Matsumae (Saga University), Hirozumi Yamaguchi (Osaka University), Takashi Yokota (Utsunomiya University), Hiroaki Morino (Shibaura Institute of Technology), Tsutomu Yoshinaga (The University of Electro-Communications)

Guest Editors (Alphabetical order):

Shuichi Ichikawa (Toyoashi University of Technology), Shigeaki Tagashira (Kyushu University)

Satoshi Fujita, Guest Editor-in-Chief

Satoshi Fujita (*Member*) is a professor of Department of Information Engineering, Faculty of Engineering, Hiroshima University. He received B.E., M.E. and Ph. D. degrees from Hiroshima University in 1985, 1987, and 1990, respectively. Dr. Fujita has served as program committee or organizing committee chairs of many international conferences, and served on the editorial board of the IEICE Transactions on Information and Systems. His research interests include parallel/distributed algorithms, graph algorithms, resource management in fully distributed systems, information retrieval in distributed networks, recommendation systems, and communication protocols for wireless ad hoc networks. He is a member of IEEE Computer Society, SIAM, JSIAM, and IPSJ.

