
FOREWORD

Special Section of Papers Selected from 1999 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'99)

Started in 1986, featuring a relatively small number of papers authored by researchers of circuits and systems area of those days, ITC-CSCC has grown into a large annual international conference reflecting the diversity of the circuits, systems, computers and communications area. 1999 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'99) was held successfully in Sado Island, Niigata, Japan, July 13-15, 1999, in which the theme was "Flap of Wing to 21st Century Global Network." The paper presented were 354 in total: 335 papers in regular sessions, 15 papers in special sessions and 4 papers in invited talks at the conference. This number reflects the increasingly high activities in the research fields covered by the conference.

The editorial committee solicited from those who presented papers at the conference to submit enhanced and expanded versions of their paper for this Special Section. In response to this call for papers for this Special Section, we received 64 submissions, of which 30 papers and 2 letters were accepted for publication through the usual refereeing process. These papers and letters will give readers the latest results in a wide spectrum of the research fields of the conference.

As the Guest Editor, I would like to thank the authors for submitting their manuscripts. I would like to express my sincere appreciation to the Editorial Committee members, Professor Hiroshi Tamura of Niigata Institute of Technology and reviewers for their time and devoted efforts, without which the publication of this Special Section would have been impossible.

Masakazu Sengoku, Guest Editor

Masakazu Sengoku (*Member*) was born in Nagano prefecture, Japan, on October 18, 1944. He received the B.E. degree in electrical engineering from Niigata University, Niigata, Japan, in 1967, and the M.E. and Dr.Eng. degrees in electronic engineering from Hokkaido University in 1969 and 1972, respectively. In 1972, he joined the staff at the Department of Electronic Engineering, Hokkaido University as a Research Associate. In 1978, he was an Associate Professor at the Department Information Engineering, Niigata University, where he is presently a Professor. His research interests include network theory, graph theory, transmission of information and mobile communications. He received the 1992, 1996, 1997 and 1998 Best Paper Awards from IEICE and IEEE ICNNSP Best Paper Award in 1996. He was the chairperson of the IEICE Technical Group on Circuits and Systems in 1995. He is a member of Editorial Board, ACM, URSI, Wireless Networks, Baltzer Science Pub. He is the chairperson of IEICE International Technical Group on Systems and Signal Processing and the vice-chairperson of IEICE Technical Group on Multi-dimensional Mobile Information Networks. Dr. Sengoku is a senior member of IEEE, a member of the Information Processing Society of Japan.

