
FOREWORD

Special Section on Ad Hoc and Mesh Networking for Next Generation Access Systems

Since the publication of special sections on Advances in Ad Hoc Mobile Communication and Networking in 2005, research, standardization and commercialization of Ad Hoc networks and Mesh networks have been accelerated. Yet, lots of issues still remain to be tackled. Examples are practical implementation, access point allocation and real-time support. Of course, conventional issues as cross layer design and routing algorithm also need improvement.

The purpose of this special section is to address the above challenges. In response to our call-for papers, we had received a total of 42 submissions, among which about half from overseas. After intensive review and discussion, only 11 papers and one letter have been accepted for publication, which means it is highly selective.

We believe that this special section clearly defines the state of the art of R&D activities in ad hoc and mesh networking and that it will serve as the indispensable reference for the community.

Lastly, we wish to express our hearty thanks to all of the authors, reviewers and editorial committee members who had contributed a lot to make this special section a successful one.

Guest Editors:

Hiroaki Morino (Shibaura Institute of Technology), Yoshihiro Kawahara (The Univ. of Tokyo)

Guest Associate Editors:

Bing Zhao (NICT), Naoki Wakamiya (Osaka Univ.), Takafumi Chujo (Fujitsu), Haruko Kawahigashi (Mitsubishi Electric), Masaki Bandai (Shizuoka Univ.), Yoshiaki Kakuda (Hiroshima City Univ.), Toshihiko Kato (The Univ. of Electro-Communications), Takumi Miyoshi (Shibaura Institute of Technology), Hiraku Okada (Niigata Univ.), Takaya Yamazato (Nagoya Univ.), Takashi Watanabe (Shizuoka Univ.), Tohru Sakata (NTT), Hisao Yamamoto (Musashi Institute of Technology), Kuniaki Kawabata (Riken), Harumine Yoshida (Matsushita), Satoru Yamano (NEC)

Kaoru Sezaki, Guest Editor-in-Chief

Kaoru Sezaki (*Member*) received his B.E., M.E. and Dr.E. degrees in electrical engineering from the Univ. of Tokyo in 1984, 1986 and 1989, respectively. He is now an associate professor at the Center for Spatial Information Science at the Univ. of Tokyo. His research interests include mobile ad-hoc networks, sensor networks, location and context aware network services and GIS. He is a member of IEEE and IPSJ.

