

EDITORIAL PREFACE

Special Issue on Advances in QoS Support in Communication Networks

Debashis Saha, Indian Institute of Management Calcutta, India

Varadharajan Sridhar, Sasken Communication Technologies, India

This is the last issue of IJBDCN in 2012 and we thank sincerely the associate editors and the members of the editorial review board (ERB) of the journal, who have nourished this journal over the years to help it reach what it is today. We also thank all the reviewers who provided the much needed support and spent their valuable time to make IJBDCN one of the important refereed journals in the area of telecommunications and networking.

This is a special issue on “Advances in QoS Support in Communication Networks” guest edited by Dr. Tarek Bejaoui of the University of Carthage, Tunisia. Quality of Service (QoS) support in today’s network is complex due to various types of content and applications, high mobility of the wireless devices, adhoc nature

of networks especially in the case of vehicular networks, and numerous security features that are implemented. This issue addresses the research challenges in this area.

Thanks to Dr. Bejaoui for putting together such a nice collection of research articles from the Second International Conference on Communications and Information Technology 2012 (ICCIT 2012) held at Hammamet, Tunisia, during June 26-28, 2012.

We hope that you enjoy this issue as much as you have done the previous issues of IJBDCN.

*Debashis Saha
Varadharajan Sridhar
IJBDCN
Editors-in-Chief*

Debashis Saha is a full professor with the MIS Group, Indian Institute of Management (IIM)-Calcutta. Previously, he was assistant and then associate professor with the CSE Department at Jadavpur University (Kolkata, India). He received his BE (Hons) degree from Jadavpur University (Kolkata, India), and the MTech and PhD degrees from the Indian Institute of Technology (IIT-Kharagpur, India) all in electronics and telecommunications engineering. His research interests include telecom network design and analysis, pervasive communication and computing, network operations and management, wireless networking and mobile computing, ICT for development, and network economics. He has supervised thirteen doctoral theses, several masters' theses, published about 280 research papers in various conferences and journals, couple of case studies, and directed 4 funded research projects on networking. He has co-authored several book chapters, a monograph, and five books including Networking Infrastructure for Pervasive Computing: Enabling Technologies and Systems (Norwell, MA: Kluwer, 2002) and Location Management and Routing in Mobile Wireless Networks (Boston, MA: Artech House, 2003). Dr. Saha is the recipient of the prestigious career award for Young Teachers from AICTE, Government of India, and is a SERC Visiting Fellow with the Department of Science and Technology (DST), Government of India. He is a Fellow of West Bengal Academy of Science and Technology (WAST), Senior Life Member of Computer Society of India (CSI), Senior Member of IEEE, member of ACM, member of AIS, and member of the International Federation of Information Processing Working Group's 6.8 and 6.10. He was the founding Chair of Calcutta Chapter of IEEE Communications Society (2003-2008).

Varadharajan Sridhar is a Research Fellow at Sasken Communication Technologies (Bangalore, India). He received his BE (Honors) from the University of Madras (India), Post Graduate Diploma in industrial engineering from the National Institute for Training in Industrial Engineering (Mumbai, India), and PhD in MIS from the University of Iowa (USA). He had taught at Ohio University and American University in the US; at the Management Development Institute (India) and Indian Institute of Management (Lucknow, India). He was a visiting Professor at the University of Auckland, New Zealand, and at Aalto University, Finland. Dr. Sridhar's primary research interests are in the area of telecommunication management and policy and global software development. He has published many research articles, business cases, and chapters in edited books in his area of research. His latest book titled The Telecom Revolution in India: Technology, Regulation and Policy has been published by the Oxford University Press India. Dr. Sridhar is a member of various committees relating to telecommunications and IT set up by the Indian government. He is on the editorial board of the Journal of Global Information Management and is a member of ACM and AIS.