

EDITORIAL PREFACE

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As research on energy efficient technologies are becoming a necessity for sustainable development, especially in the area of mobile and data communications, we are fortunate to bring out this second issue on the theme of “Green networking and Computing”.

Our sincere thanks again to Dr. Josip Lorincz of the University of Split, Croatia, who has diligently put together a collection of papers relating to the above topic. We hope that the research papers in these two Special Issues of IJBDCN (Volume 9, issues 2 and

3) have brought together a good collection of contemporary research on the table in the area of green computing and hence will provide a rich repository of scholarly interest.

Hope you will enjoy reading through this summative issue much the same way as the first special issue.

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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). He can be reached at ds@iimcal.ac.in.

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 book titled "The Telecom Revolution in India: Technology, Regulation and Policy" was published by the Oxford University Press India in 2012. He has recently co-authored a book titled "The Dynamics of Spectrum Management: Legacy, Technology, and Economics" that will be published by the Oxford University Press in early 2014. 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. The book edited by Dr. Sridhar and Dr. Saha titled Web-Based Multimedia Advancements in Data Communications and Networking Technologies (as part of the series in Advances in Business Data Communications and Networking), ISBN: 978-1-4666-2026-1 (Hardcover); ISBN: 978-1-4666-2027-8 (eBook) has just been published by IGI Global.