Introduction to Special Issue ‘Researches and Challenges in Green Radio Communication’

P. Karthigaikumar¹ · Joy Iong-Zong Chen²

Published online: 17 February 2016

© Springer Science+Business Media New York 2016

Welcome to this special issue of WPC. This issue contains a collection of the best papers out of various authors who have been submitted to this issue. The main goal for this issue is to publish selected research papers from practitioners and academia in innovative architectural aspects and novel techniques for development of Green Mobile Communication.

Dr. P. Karthigaikumar received his Bachelor of Engineering degree in Electrical and Electronics Engineering from the Bharathiar University, India in 1999 and his Master of Engineering degree with Distinction in Applied Electronics from Bharathiar University, India in 2002. He completed Ph.D. degree in Information and Communication Engineering under Anna University, India in 2011, focusing on FPGA and ASIC implementation of Media Security processor. He is a member of IEEE (MIEEE), senior member of Association of Computer Electronics and Electrical Engineers (ACEEE), member of International Association of Engineers (MIAENG) and member of International Association of Computer sciences and Information Technology (MIACSIT). He joined Karunya University; Coimbatore, India in 2000 and worked for 13 years. He is now Professor and Head in Electronics and Telecommunication Engineering in Karpagam College of Engineering, Coimbatore, India. He has published more than 60 papers in journals and conferences. He received IETE K S Krishnan award for the best system oriented research paper in the year 2010. He applied for 2 Indian patents and is published in Indian Patent Journal. He is a reviewer for different reputed journals like Elsevier, Wiley, Inderscience etc.,

✉ P. Karthigaikumar
p.karthigaikumar@gmail.com

Joy Iong-Zong Chen
jchen@mail.dyu.edu.tw

¹ Department of Electronics and Telecommunication Engineering, Karpagam College of Engineering, Myleripalayam, Coimbatore, Tamilnadu 641 032, India

² Spread Spectrum Lab, Department of Electrical Engineering, Dayeh University, No. 168, University Rd., Dacun, Changhua 51501, Taiwan R.O.C.

and he has been the Guest editor for few special issues in Hindawi, Elsevier, Inderscience, Springer. His research interest includes FPGA implementation of Media security algorithm and Signal Processing algorithm.

Joy Iong-Zong Chen was born in Taichung Taiwan. He received his B.Sc., degrees in Electronics Engineering from the National Taiwan Technical University, Taipei, Taiwan, and M.Sc., degrees in Electrical Engineering from the Dayeh University, Chunghua, Taiwan, in 1985 and 1995, respectively, and Ph.D. degrees in Electrical Engineering from National Defense University, Tao-Yuan, Taiwan, in 2001. He is currently a full professor of Department of Communication Engineering Dayeh University at Changhua Taiwan. Prior to joining the Dayeh University, he worked at the Control Data Company (Taiwan branch) as a Technical Manager since Sep. 1985 to Sep. 1996. His research interests include wireless communications, spread spectrum technical, MIMO systems, OFDM systems, and wireless sensor networks. Dr. Joy I.-Z. Chen has published a large number of SCI/EI Journal papers in the issues addressed physical layer for wireless communication systems. Moreover, he also majors in developing some applications of the IOT (Internet of Thing) techniques and Dr. Joy I.-Z.

Chen owned some patents authorized by the Taiwan Intellectual Property Office (TIPO). Dr. Joy I.-Z. Chen has ever been serving as many important positions in International Conferences.