
Editorial

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Biographical notes: R. Varatharajan received his BE, ME and PhD degrees in Electronics and Communication Engineering from Anna University and Bharath University, India. He is an Associate Editor for *Computers and Electrical Engineering*, Elsevier and *Journal of Medical Imaging and Health Informatics*, American Scientific Publishers. He is a Guest Editor for sustainable computing, cluster computing, ambient intelligent and humanised computing and he is acting as a leading Guest Editor for more than ten SCI indexed journals. His main area of research activity is medical image processing, wireless networks, network security and green engineering. He has served as a reviewer for Springer, Inderscience and Elsevier journals. He has published many research articles in refereed journals like Elsevier and Springer. He is a member of IEEE, IACSIT, IAENG, SCIEI and ISTE wireless research group. He has been serving as Organizing Chair and Program Chair of several international conferences and in the program committees of several international conferences. Currently, he is working as an Associate Professor in the Department of Electronics and Communication Engineering at Sri Ramanujar Engineering College, Chennai, India.

Jer Lang Hong obtained his PhD in Information Technology from Monash University, Malaysia in 2010 and BSc (Hons) degree in Computer Science from Nottingham University in UK in 2005. Since 2010, he has been an Associate Professor at School of Communication, Computing and Information

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It is our pleasure to serve as guest editors of this special issue on green mobile computing for energy efficient next generation wireless communication of *International Journal of Advanced Intelligent Paradigms (IJAIP)*.

Green mobile computing is a key enabling technology for large-scale distributed applications, such as smart phone, mobile internet, mobile game and mobile multimedia, mobile internet of things (IoTs), mobile sensor cloud, and mobile machine to machine communications. Green mobile computing, with the aim of reducing energy costs and CO₂ emissions, as well as protecting the environment, is becoming a potential research focus for many next-generation communications and networks' designers.

This special issue aims to bring, for academics as well as industrial practitioners, a set of articles discussing the recent patents on core topics of green mobile computing technologies, including wireless networks and computing including algorithms, modelling, technology, and application and so on. There are 86 submissions of this special issue, we feature 16 high quality papers for Part I.

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