Editorial

S. Smys*

Department of ECE,
RVS Technical Campus,
Kumaran Kottam Campus, Kannampalayam,
Coimbatore – 641 402, Tamilnadu, India
Email: smys375@gmail.com
*Corresponding author

Joy Iong-Zong Chen

Department of Electrical Engineering,
Day-Eh University,
No. 168, University Rd.,
Dacun, Changhua, 51591, Taiwan
Email: jchen@mail.dyu.edu.tw

Biographical notes: S. Smys is working as a Professor in the Department of Electronics and Communication Engineering at RVS Technical Campus, Coimbatore, India. He serves as an Associate Editor of *Computers and Electrical Engineering* (*C&EE*) journal, Elsevier and Guest Editor of *Wireless Networks Journal* and *Wireless Personal Communication Springer*. He has been serving as an Organising Chair and Program Chair of several international conferences, and in the program committees of several international conferences.

Joy Iong-Zong Chen is currently a Full Professor of Department of Electrical Engineering Dayeh University at Changhua, Taiwan. Prior to joining the Dayeh University, he worked at the Control Data Company (Taiwan) as a Technical Manger since September 1985 to September 1996. His research interests include wireless communications, spread spectrum technical, OFDM systems, and wireless sensor networks. He has published a large number of SCI Journal papers in the issues addressed physical layer for wireless communication systems.

We gladly invite everyone to the special issue on virtual networking, cloud and wireless systems. We had received a large-scale of paper submissions regarding virtualisation and cloud computing architectures to the journal. Because of the innovative and ubiquitous nature of cloud computing technologies, there arises n importance to analyse the process and applications of cloud computing in various fields and also challenges associated with it. Cloud computing majorly performs the transformation on hosted services with the aid of internet. The main feature included with cloud computing is serverless computing methodology. It enriches the self-service provisioning feature and introduces the new feature of payment only for the desired utilisation of cloud. It also addresses the major classification of clouds such as public, private and hybrid clouds. It is unique in nature because of its characteristics such as zero effort for process management, infinite storage

size and global accessibility with the aid of internet. It fosters the collaboration of data and enriches the teamwork feature in business environment.

This special issue mainly addresses the introduction and challenges incorporated with the virtualisation feature of cloud computing. This introduces the concept of creating a virtual version of cloud computing which allows to share among multiple clients by enabling the sharing data infrastructure. Hence, it provides the standardised version of applications to their clients and it also updates the latest version of any desired application. Hence, these resources are rented from cloud on a regular payment basis. The major benefit of this special issue includes, solving the security and privacy concerns associated with cloud computing and its network architecture for data management and wireless access.

We thank all the authors for their unstinting support and dedication, which made this special issue publication a possible one. We are grateful to the alacrity and commitment of the reviewers whose exquisite evaluations enhanced the quality of papers considerably. Further we would also thank all the staff members of Inderscience publication for their instant support and commitment. We are indebted specifically to appreciate the persistent support and inspiritments granted to us by Professor Nilmini Wickramasinghe, the Editor-in-Chief of the *International Journal of Networking and Virtual Organisations*.