
Editorial

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Biographical notes: S. Smys received his ME and PhD degrees all in Wireless Communication and Networking from the Anna University and Karunya University, India. His main area of research activity is localisation, network traffic control and routing architecture in wireless networks. He is a member of IEEE and senior member of IACSIT wireless research group. 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*. Currently, he is working as a Professor in the Department of Information Technology at RVS Technical Campus, Coimbatore, India.

Er Meng Joo is currently a Full Professor in Electrical and Electronic Engineering, Nanyang Technological University, Singapore. He served as the Founding Director of Renaissance Engineering Programme and an elected member of the NTU Advisory Board and from 2009 to 2012. He has authored five books and 18 book chapters and more than 500 refereed journal and conference papers in his research areas. Currently, he serves as the Editor-in-Chief of *Transactions on Machine Learning and Artificial Intelligence* and the *International Journal of Electrical and Electronic Engineering and Telecommunications*. He also serves an Associate Editor of 14 refereed international journals.

Pavel Lafata received his MSc degree in 2007 and PhD degree in 2011 from the Department of Telecommunication Engineering, Faculty of Electrical Engineering, Czech Technical University in Prague (CTU in Prague). He is

currently an Assistant Professor at the Department of Telecommunication Engineering of the CTU in Prague. Since 2007, he has been actively cooperating with several leading European manufacturers of telecommunication cables and optical network components performing field and laboratory testing of their products as well as consulting further research in this area. He is also a member of advisory boards of several international conferences and journals as well.

Welcome to the special issue on inventive decision-making systems for data mining applications. We had received a large-scale of submission to the journal related to the decision making models and algorithms for various data mining applications. Due to the extending needs for processing huge amount of data generated from various data driven applications the concept of data mining is evolved.

The main purpose of data mining is to discover knowledge from large databases. The data source obtained from various data driven applications will contain both structured and unstructured data within it. To solve this issue, various data mining approaches are proposed. At present, all the smart activities performed globally are data driven. As a result of this, it leads to a complex decision-making environment for processing huge datasets generated by various data driven applications. This special issue serves as a platform for researchers to share their proposed inventive decision making models and algorithms to address various data mining applications. This ideology creates an effective decision-making infrastructure for processing various data mining applications. This special issue solicits mainly on introducing decision making mechanisms for data mining applications to handle the varying qualitative and quantitative data, to generate short time response on decision making, to deal with data overlapping problem domains, etc.

We are grateful to the authors of the papers, for their ardent efforts and involvement to make this special issue a possible one. We are indebted to the commitment of the reviewers for their beneficial evaluations, which substantially enriched the quality of papers. Further, we like to extend our gratitude to all the staff members of Inderscience publications for their prolonged support. We specifically appreciate the fortitude and encouragement granted to us by Dr. Mahardhika Pratama, Editor-in-Chief of the *International Journal of Business Intelligence and Data Mining (IJBIDM)*.