
Editorial

M. Durai Pandian

Department of Computer Science and Engineering,
SCAD Institute of Engineering and Technology,
Palladam, Tamil Nadu – 641658, India
Email: svsduraipandian@gmail.com

Hui-Ming Wee

Industrial & Systems Engineering Department,
Chung Yuan Christian University,
Chungli, 32023, Taiwan
Email: weehm@cycu.edu.tw

Pavel Lafata

Department of Telecommunication Engineering,
Czech Technical University in Prague,
Zikova 1903/4, 166 36 Praha 6,
Czechia, Czech Republic
Email: lafatpav@fel.cvut.cz

Biographical notes: M. Durai Pandian working as a Professor in the Department of Computer Science and Engineering, SCAD Institute of Engineering and Technology, Palladam, Tamil Nadu, India. His main area of research activity is localisation and routing architecture in wireless networks. He is served as a Reviewer for Inderscience, Springer and Elsevier journals. He has published many research papers in refereed journals and IEEE conferences. He has been the General Chair, Session Chair, TPC Chair and Panelist at several conferences. He is a Member of IEEE. He serves as a Guest Editor for Computers and Electrical Engineering (C&EE) journal, Elsevier and a Guest Editor for Inderscience journals such as IJNVO and IJISTA. He has been serving as Organising Chair and Program Chair of several international conferences, and in the Program Committees of several international conferences.

Hui-Ming Wee is a Distinguished Professor in the Department of Industrial and Systems Engineering and Associate Dean and Chaplain, College of Electrical and Computer Science, Chung Yuan Christian University. ACUCA (Asian Christian Universities Colleges Association) Lectureship, 2005 Visiting Scholar and invited lectureship: (University of Washington, 2006), (San Jose State University, 2008), (Curtin University of Science and Technology, 2008), (University of Technology Sydney, 2009) (Colorado State University, 2011) (Tokyo Denki University, 2014/11), (Tarumanagara University and Atma Jaya Catholic University in Jakarta and Atma Jaya University in Yogyakarta, 2014/12) The Elite Study In Taiwan Project, Ministry of Education. Over 400 publications in the career (Journals 241, Conferences 225), 16 books and book chapters, publications being cited over 3000 times.

Pavel Lafata working as an Assistant Professor in the Department of Telecommunication Engineering of the Czech Technical University 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 also cooperates with many impact journals as a Fellow Reviewer, such as *International Journal of Electrical Power & Energy Systems*, *Elektronika ir Elektrotechnika*, *IEEE Communications Letters*, *Recent Patents on Electrical & Electronic Engineering*, *International Journal of Emerging Technologies in Computational and Applied Sciences*, *China Communications*, etc. He is an author or co-author of more than 100 scientific papers published in various impact journals, international conferences and meetings, open access journals, etc.

Soft computing is a collection of algorithms that are employed to find a solution for complex problems, where conventional methods have not yielded low cost and time – feasible solutions. It offers an effective solution for studying and modelling the stochastic behaviour of the intelligent system and their ability to handle imprecise information has been a key factor for their increasing demand. The embedded soft computing approach in intelligent systems is a combination of embedded fuzzy logic and neural networks models for information processing in a complex environment to increase performance and to make them more intelligent.

An intelligent system is a computer-based system that can represent, collect and interpret data and act on the results of its analysis. Soft computing applications on intelligent systems have many, from processing huge datasets to controlling robots. The ideas and concepts are drawn from the areas of artificial intelligence, machine learning and a range of fields such as psychology and brain sciences, forming many interdisciplinary relationships. This special issue aims to address the various scope of soft computing approaches and intelligent systems and the papers contributed high quality theoretical and practical works. The set of papers for this special issue widely grouped into two categories. The first category of papers under algorithms emphasises on machine learning techniques using python, feature selection methods over classification algorithms, real-time motor imagery classification, multispectral image classification. The second category of papers deals with time delay systems, microgrids using a predictive controller, risk management in software development projects, scheduling of jobs considering tool transfer time, wind energy potential estimation and text to speech converter for visually impaired.

The Guest Editors would like to express their deep gratitude to all the authors who have submitted their valuable contributions, and to the numerous and highly qualified anonymous reviewers. We think that the selected contributions, which represent the current state of the art in the field, will be of great interest to the intelligent system. In addition, we would like to thank the Inderscience publication staff members for their continuous support and dedication. We, particularly, appreciate the relentless support and encouragement granted to us by Prof. Edmund M-K. Lai, the Editor-in-Chief of the *International Journal of Intelligent Systems Technologies and Applications*.