
Editorial

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Biographical notes: Xiangjian He is a Professor at the University of Technology, Sydney (UTS). He got his PhD in Computing Sciences in 1999. He is a Senior Member of IEEE. He is a Deputy Director of Research Centre for Innovation in IT Services and Applications (iNEXT) at UTS. His research interests are in computer vision, image processing, motion tracking and computer and network security. In recent years, he has had over 200 refereed publications in books, journals and conferences.

Qiang Wu received his PhD degree in 2004 from the University of Technology, Sydney (UTS) and MEng and BEng in Communication and Electronic System from Harbin Institute of Technology, China in 1998 and 1996, respectively. Currently, he is a Senior Lecturer in the School of Computing and Communications of UTS and also an Active Researcher in Computer Vision Research Group of iNEXT Research Centre in UTS. He has been working in the field of computer vision and image processing for several years. His research interests include image processing, object detection, biometrics and pattern recognition.

Ruili Wang received his PhD in Computer Science from Dublin City University and he is a Senior Lecturer in Computer Science at Massey University, New Zealand. He is the members of the editorial boards of *The IEEE Intelligent Informatics Bulletin*, *Int. J. Intelligent Systems Technologies and Applications*, *Int. J. Business Intelligence and Data Mining* and *Int. J. Modelling, Identification and Control*. Currently, he is supervising three PhD students and holding several research grants. His research interests include mathematical modelling, data mining, signal processing, knowledge management and workflow.

Nowadays, computer and information technology (CIT) has existed almost everywhere in life, science, engineering, business and many other fields. The progress of CIT has been steady, and it has led to the development and the use of many new devices, new algorithms and new techniques with fast speed, efficient performance, large storage, flexible connectivity, high mobility and great autonomy. CIT will continuously prove themselves to be even more useful and effective in broader range of application domains.

As a conference fully sponsored by the IEEE Computer Society, International Conference on CIT has become a major platform for researchers, engineers and industry practitioners from different fields of CIT. Each year, CIT attendees appreciate and benefit from multidisciplinary exchanges in CIT. CIT has attracted many high quality research papers which present the advanced research work that push beyond limits of existing CIT technologies.

The topics of CIT2008 include database and data mining, internet and web applications, high performance computing, networking and mobile computing, multimedia and computer graphics, image processing, computer vision and video surveillance, ubiquitous and sensor networks, image processing, computer vision and video surveillance, VLSI and computer systems, information systems, software engineering and service-oriented computing.

The number of papers submitted to CIT2008 has overwhelmed those of previous editions. CIT2008 received more than 550 submissions coming from various countries and selected only 150 (27%) as CIT2008 regular papers to be included in the CIT2008 conference proceedings. The revision process for all papers has been rigorous and thorough, including peer-reviewing from at least two independent and qualified reviewers, and one from the local organisation committee. For this Special Issue, we select only eight high quality papers of top rank from the large number of papers published in CIT2008 main conference and its workshops. These eight papers fall into the application areas of information retrieval, video compression, computer vision, pattern recognition and GIS.

Chang and Hsiao develop a hybrid automatic text summarisation approach. Dang, Xuan and Chen apply the VSM model to classify the text in a research proposal, and hence determine the research fields of the proposal and the interrelationship between the fields. Son, Park and Kim present a low complexity and lossless compression algorithm integrated into the Motion JPEG2000 System in order to reduce the memory bandwidth. Du, Yang, Wu and He propose an SVM-based method for locating the facial landmarks using the Active Shape Model. Tak and Hwang present a two-level indexing scheme for angle-invariant image retrieval from a large database. Zheng, He, Wu and Samali propose a hierarchical classification model that combined learning-based and SVM-based method for car licence plate recognition. Lu, Tu and Lu propose a system for handwritten Bangla numeral recognition based on an expanded two-layer SOM. Also, Zhou and Bookwala develop an algorithmic solution to map personalisation for mobile users.

It is our pleasure to introduce you these papers. I deeply thank Prof. Peter Xu, the Editor of *Int. J. Intelligent Systems Technologies and Applications (IJISTA)* for accepting these eight papers to be published as a Special Issue in this journal.

Last but not least, we would like to express our sincere gratitude to all the reviewers, members of the Program Committee and the organisation committee who have provided CIT2008 with such a qualified technical program.