Editorial

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Biographical notes: David C. Chou is a Professor of Computer Information Systems at Eastern Michigan University. He received his BC degree from Feng-Chia University, MS degree from National Taiwan University and MS and PhD from Georgia State University. He has published more than 180 papers in the fields of information systems. He served as the President of the Southwest Decision Sciences Institute in 2007–2008 and also the Editor-in-Chief for the *Int. J. Information Systems and Change Management*. Currently, he serves as an editorial board member for five academic journals.

Int. J. Information Systems and Change Management (*IJISCM*) continues to publish its Vol. 3, No. 4. The objectives of *IJISCM* are to promote the research and practice of the fields of information systems and change management. This journal aims to establish an effective channel of communications amongst educators, information systems workers, managers and industry practitioners to contribute, disseminate and learn from each others. We welcome your continuous support, communication and submission to this journal.

The fourth issue of the Volume three collects six high quality articles. Topics in this issue are: 'Improving organisational learning for project success: a knowledge management perspective', 'The role of knowledge sharing and trust in new product development outsourcing', 'An approach for managing the adaptation of web service', 'Performance improvement of software based system using an integrated approach - a case study', 'Evolutionary approach for buffer management in ATM networks', and 'Design decisions in workflow management and quality of work'.

The first article discussed the impact of organisational learning on project performance. Organisational learning has been recognised as a key strategy for helping knowledge transfer towards project success. Shiow-Luan Wang (Tunghai University and National Formosa University, Tawian), Chun-Hui Wu (National Formosa University) and Chyuan Perng (Tunghai University) collected survey data from a corporate software development project. Their research results indicate that improving organisational learning has a positive influence on project success.

The second article investigated the role of knowledge sharing and trust in new product development outsourcing activity. Forming strategic alliance with suppliers to develop new products has been recognised as an effective approach. Amy Y. Chou (Illinois State University, USA) proposed a research model to study this important area. Dr. Chou's model explored the relationships among trust, knowledge sharing, adoption of collaborative information technology and supplier's involvement in new product development process.

The third article studied the changes and evolution of web service. Web service users may continuously demand for the new features and services that to be offered by their

information systems. Maamar Khater (University of Djillali Liabes, Algeria) presented an approach to manage the behaviour evolution of web services and adapt dynamically to their clients by providing a set of change operators for services and a set of adaptation rules for clients. This approach is validated within a proposed framework.

In automated system, software and hardware components are inherent to monitor its quality. However, optimal design is important to improve system's performance. The fourth article, conducted by R. Amuthakkannan (Coimbatore Institute of Technology, India), used a case study to analyse the performance improvement of a software-based system that through both neural network and genetic algorithm methodologies. The resulting optimal process parameters were used to obtain the best performance of software-based electro-pneumatic kit.

The fifth article modelled a fuzzy buffer management system that set the threshold for the output ports in the shared memory. M. Sundarambal, R. Devaraj (both from Coimbatore Institute of Technology, India), and P. Anbalagan (Kalignar Karunanidhi Institute of Technology, India) used genetic algorithm technique to optimise the fuzzy system parameters derived for each switch size and offers a high degree of scalability. This article deals with buffer management scheme based on evolutionary computing for shared-memory ATM switches.

The last paper presented the design and implementation of a workflow management (WFM) system in a large Dutch social insurance organisation. Benny De Waal (University of Applied Sciences Utrecht, The Netherlands) and Ronald Batenburg (Utrecht University, The Netherlands) applied the model of Zur Mühlen to illustrate the effect of workflow design decisions on the quality of work. Their research involved a total sample of 66 employees to show that there was no change in the experience of work quality before and after the introduction of the WFM system.

I hope these six articles would continuously adjoin their values and contributions to the areas of information systems and change management. I would encourage our readers to continue to develop new applications and theories in these fields. *IJISCM* will continue to serve as an important forum for the exchange of innovative ideas.