
Editorial

David C. Chou

Eastern Michigan University,
Ypsilanti, MI 48197, USA
E-mail: dchou@emich.edu

International Journal of Information Systems and Change Management (IJISCM) continues to publish its Volume 4, Number 2 issue. 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 second issue of volume four collects six high quality papers. Topics in this issue are: 'Enhancing bilingual electronic group meeting comprehension with round-trip translations', 'Analyses of inter-firm governance and information technology', 'An integrative framework for the momentum-accounting based change management', 'Applications of real option analysis to vendor selection process in IT outsourcing', 'Power aware multiple QoS constraints routing protocol with mobility prediction for MANET' and 'The role of social capital and organisational learning in promoting innovation performance'.

The first paper examined the effect of using round-trip translation mechanism to enhance the comprehension during bilingual electronic group meetings. Milam Aiken and Mina Park (both with the University of Mississippi, USA) conducted a study to examine a group of English speakers who using such a meeting system with an automatic translation to German, the results showed positive feedbacks from them. Therefore, the accuracy of translation can be predicted and the comprehension can be enhanced in a bilingual meeting.

The second paper discussed the impact of inter-organisational information systems over inter-firm governance pattern. Fei Qi (Brown University, USA), Jim Q. Chen (St. Cloud State University, USA), David C. Chou (Eastern Michigan University, USA), and Qing Gary Guan (20th Century Fox, USA) proposed a theoretical model to describe the transformation of inter-firm governance in terms of market, hierarchical and bilateral models. This study concluded that traditional inter-organisational information system such as electronic data interchange frequently creates hierarchical inter-firm governance or enhances existing hierarchical governance.

The third paper made a theoretical argument to adapt and extend the momentum accounting concept to change management. Judy K. Land (North Carolina Central University, USA) and Chen H. Chung (University of Kentucky, USA) proposed a framework that incorporates momentum accounting, the flow concept and the change-causation-possibility model for change management. This integrative framework not only helps a firm gain a better understanding of the nature, the processes and causal relationships of the past or potential changes in the firm's internal and external

environment, but also provides a practical procedure for facilitating and improving change management.

The fourth paper used a real option analysis to analyse two-stage vendor selection process in information technology outsourcing practice. Qing Cao, Vicky Ching Gu and James R. Burns (all with Texas Tech University, USA) conducted a case example of developing supply chain management information systems in a logistics firm in China. Their research results indicated that real option analysis can be a viable valuation technique for IT outsourcing decision.

The fifth paper discussed a new routing protocol (PMQRMP) with multiple QoS (quality of service) constraints between source and destination. This main advantage of this protocol is to consider power constraints for nodes and efficient packet transmission. M. Senthilkumar, S. Somasundaram and R. Amuthakkannan (all with Coimbatore Institute of Technology, India) found that this new protocol can provide a quick response to changes in the network, reduce the waste of network resources and produce significant improvement in data transmission rate, therefore, it reduces control overhead for reconstructing a routing path.

The last paper discussed the role of social capital and organisational learning that playing in corporate innovation and performance practices. Chi-Min Wu (Chia Nan University of Pharmacy and Science, Taiwan), Chang-Ruey Ay and Bella Ya-Hui Lien (both with National Chung Cheng University, Taiwan) studied such issue through the data in biotechnology industry in Taiwan. Their findings showed that internal social capital and external social capital significantly affect organisational learning. Also, organisational learning significantly affects innovation performance and organisational learning is a mediator of social capital and innovative performance.

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. The *IJISCM* will continue to serve as an important forum for the exchange of innovative ideas.