

EDITORIAL

The Australian Journal of Information Systems has changed its name from Australian to Australasian. To mark the change, we have created a 'new look' journal. I am pleased to announce that the journal was recently voted in the top 25 IS journals in the world and I would like to thank all of our reviewers and authors for their professionalism in helping achieve this position.

Our first paper is presented by George Widmeyer, University of Michigan and is entitled The Trichotomy of Processes: A Philosophical Basis for Information Systems. This paper explores the principle of trichotomy, posed by Charles Peirce, to model the world and business applications in information systems.

John Haynes, University of Central Florida presents our next paper entitled The Management of Intuition. This paper examines a phenomenological approach to managing intuition. In particular, the paper examines the nature of Heidegger's notion of Ding-an-sich (the thing-in-itself), a grasp of which, it is argued, is essential in coming to terms with the human capacity for intuition and creativity.

Our third paper is entitled A Critical Analysis of the Knowledge Creation Process and is presented by Stephen Probert, Cranfield University. The paper then explores how some of the work by Foucault and Adorno may provide a new direction for developing research approaches in knowledge creation and management.

Chatpong Tangmanee from Chulalongkorn University presents our next paper entitled Patterns of Programmers' Use of Computer-Mediated Communications Systems. This paper investigates Computer-Mediated Communications (CMC) such as email, the World-Wide Web etc and provides the patterns for which programmers use these CMCs.

Elizabeth Kemp, Chris Phillips and Jamie Alam, from Massey University present our next paper entitled Software Engineering Practices and Tool Support: An Exploratory Study in New Zealand. This paper describes a preliminary investigation of the practices of software engineers within New Zealand, including their use of development tools.

Our next paper is entitled Investigating the Partial Relationships between Testability and the Dynamic Range-to-Domain Ratio and is presented by Zuhoor Al-Khanjari, from Sultan Qaboos University and Martin Woodward, University of Liverpool. The propagation, infection and execution (PIE) analysis technique has been proposed as a way of estimating the Voas notion of testability. This paper reviews the various testability concepts and summarises the PIE technique.

P. Jha, J. Glassey, G. Montague, University of Newcastle and P Mohan, Tippecanoe Labs present our next paper entitled Product Cost Management Structures: A Review and Neural Network Modelling. This paper reviews the growth of approaches in product costing and draws synergies with information management and resource planning systems, to investigate potential application of state of the art modelling techniques of neural networks.