

EDITORIAL

This is the second issue of volume 8 of the Australian Journal of Information Systems. This issue consists of three parts: the first section are general IS papers, the second section is dedicated to Ethics in Information Systems, the final section is dedicated to Semiotics in Information Systems. I would like to thank Mat Warren for his assistance in providing the Ethics section and Rod Clarke for his assistance in providing the section on Semiotics.

Our first paper is entitled – A Method for Reverse Engineering of Use Case Realizations in UML and is provided by Dragan Bojic and Dusan Velasevic from the University of Belgrade. This paper provides a method for recovering elements of the UM model including relationships between use cases and class roles.

Timothy Shih, Ming-Chi Lee, The Sheng Huang and Lawrence Deng, from Tamkang University Taiwan provide the next paper entitled – Assessing Software Quality Through Visualised Cohesion Metrics. This paper presents cohesion metrics which aid in cohesion strength and which can be used in CASE tools to aid software engineers.

Our next paper is entitled – Synthesising Structuration and Institutional Theory: Three Cases is presented by Jason Thatcher, Florida State University, Mark Strite, University of Wisconsin, Manolis Diakourakis and David Kuhlmeier, Florida State University. This paper develops a conceptual framework that links institutions and organizations social structures to the use and understanding of information technology in the public sector.

Mile and Lily Enders, Charles Sturt University present our next paper entitled Cops, Computers, and the Right to Privacy in the Information Age: Unauthorised Access and Inappropriate Disclosure of Information Complaints in New South Wales. This paper examines the use of information by police and the consequences of unlawful disclosure of such information.

Chris Simpson, Swinburne University, presents our next paper entitled – It Takes More than Ethics. This paper looks at changes to ethical guidelines and the reaction of various sections of society to those guidelines.

Our next paper entitled – Information Warfare and Ethics is presented by M. Warren, Deakin University and W. Hutchison, Edith Cowan University. This paper looks at the ethics of the practice of information warfare both at a national as well as an international level.

John Weckert, Charles Sturt University presents our next paper – IT Research and Development: Should there be Control?. This paper looks at the underlying issues surrounding the responsibilities of professional researchers, in particular, those who work in artificial intelligence.

Mark Williams, Edith Cowan University presents our next paper – Ethics in Research. This paper examines the question of ethics in research through the reporting of a series of self dialogues.

Our next section concerns semiotics. An overview entitled Studies in Organisational Semiotics: An Introduction is presented by Rod Clarke, University of Wollongong.

Peter Andersen, University of Aalborg present the next paper entitled Maritime Work and Communication. This paper presents findings from a study examining the development instrument interfaces for use in shipping.

Our next paper is Organisational Semiosis: Integration and Separation between System Features and Work Practices, Rod Clarke, University of Wollongong. This paper looks at the application of systemic semiotics to the relationship between system features and work practices.

Clarissa De Souza, Cecilia Da Cunha, Raquel Prates and Simone Barbosa, Catholic University of Rio de Janeiro present our next paper – Echoes of Semiotically-Based Design in the Development and Testing of a Workflow System. This paper looks at the design and implementation of a web based workflow system, Qualitas.

Our next paper is Aspects of Text Mining from Computational Semiotics to Systemic Functional Hypertexts by Alexander Mehler, University of Trier. This paper looks at the introduction of text linkage in natural language text mining.

Our final paper is presented by Rob Shields, Carleton University and is entitled The New Knowledge Speak: The Implications of Contested Definitions of Knowledge and Information. This paper presents a critique of the notions of information and knowledge found amongst proponents of knowledge management.

I would like to thank Lily Soh and Diniz Da Rocha for their continued assistance with the journal.

Rob MacGregor
Editor

<http://www.uow.edu.au/ajis/ajis.html>