



Australasian Conference  
on Information Systems

## ***17th Australasian Conference on Information Systems***

**ACIS 2006**

***“Thought Leadership in IS”***

**Adelaide Convention Centre, 6<sup>th</sup>-8<sup>th</sup> December 2006**

ACIS is the premier Australasian conference for Information Systems academics, covering technical, organisational, industry and social issues in the application of IT to real world problems.

In 2006 ACIS will be held in Adelaide, hosted by the School of Computer & Information Science of the University of South Australia. The venue will be the Adelaide Convention Centre, North Terrace Adelaide.

Adelaide is a delightful city with very beautiful parks, gardens, beaches and the world famous South Australian wineries. North Terrace includes the cultural and educational precincts, as well as being close to a wide variety of cafes and restaurants offering al fresco, casual and gourmet dining choices.

In Adelaide, December is early summer; the weather is warm and usually fine and sunny with an average maximum daytime temperature of 27°C and a minimum overnight of 15°C.

Papers submitted to ACIS2006 will be fully double-blind refereed and selected papers will be fast-tracked to high quality IS journals.

The conference will be preceded by a doctoral consortium, and research students are also encouraged to submit papers to the special student section of the main conference where they will be given extended feedback.

### ***Important Dates***

- Full Paper Submission: 7<sup>th</sup> August, 2006
- Accept/Reject Notification: 11<sup>th</sup> September, 2006
- Camera Ready Copy: 9<sup>th</sup> October, 2006
- Doctoral Consortium: 4<sup>th</sup> & 5<sup>th</sup> December, 2006
- Main Conference: 6<sup>th</sup> – 8<sup>th</sup> December 2006

ACIS is timed to run just before ICIS (10th-13th December in Milwaukee, Wisconsin USA). Delegates from Europe are advised to consider combining the two conferences on a round-the-world ticket.

## ***Conference Tracks***

ACIS 2006 conference will consider papers on any aspect of Information Systems. Topics of interest include but are not limited to:

**Leadership in IS** – Innovative theory, new application areas, challenging research ideas, public policy, social change, role of universities in IS thought leadership

**IS Theory, Practice and Methods** - Theories unique to IS, applications of other disciplines to IS, IS development methods, case studies of IS development and use, partnering with the ICT industry

**IS and Education** - Educating with IT and educating about IT

**Intercultural perspectives on IS** - Cultural issues in IS design and adoption, indigenous and other minority voices, IS in cultural preservation and renewal

**IS and Community Services** - Health, government, sport, community groups

**IS and Global Collaboration** - Supporting international research, development, business and learning

**IS and Mobile Devices** - Innovation, adoption, knowledge sharing, work practices

**ICT Governance** - ICT governance issues and frameworks (ITIL, CobiT & other popular frameworks)

**ICT Adoption and Assimilation** – New theories, new applications of old theories

**IS and Business Strategy** – Strategic alignment, new ways of doing business, enterprise architecture, strategic sourcing

**Information Management** – Information management, knowledge management, information quality, benefits management & measurement

**Integrity of IS** - Security, ethics, legal issues

## ***Paper Format***

Authors are invited to submit original and unpublished papers for consideration for ACIS2006. All papers will be double-blind refereed. Maximum paper length is 10 A4 pages (Times Roman 10pt) in total. A template for paper preparation is provided with the paper submission details on the ACIS 2006 web site.

Oral presentations will be 20 minutes plus 10 minutes for questions.

There will be a special track for papers by **current PhD students** (single author only). The same paper requirements apply, but 20 minutes oral presentation will be followed by 20 minutes discussion by the group.

**ACIS 2006 Program Chair** – Professor Ed Fitzgerald, University of the Sunshine Coast

**ACIS 2006 Conference Chair** – Professor Andy Koronios, University of South Australia

# ACIS 2006 Program

Day 1 – Wednesday 6 <sup>th</sup> December					
8:30 – 11:00	Registration (Foyer 1)				
11:00 – 11:30	Welcome & Opening of conference (Hall A)				
11:30 – 12:30	Keynote speaker – Prof. Joe Peppard (Hall A)				
12:30 – 13:30	Lunch (Hall E)				
	Session 1.1 (Hall A)	Session 1.2 (Room 4)	Session 1.3 (Room 5)	Session 1.4 (Room 10)	Session 1.5 (Room 11)
	<p><i>“Stakeholder power in e-business adoption practice” [Roberts]</i></p> <p><i>“Factors Influencing the Decisions of SMEs to Purchase Software Package Upgrades” [Cater-Steel]</i></p> <p><i>“Understanding Involvement in Technology Adoption” [Mills]</i></p>	<p><i>“Aligning Organisational Requirements and Enterprise Systems Capabilities: A Longitudinal Case Study” [Radulescu]</i></p> <p><i>“Adapting Soft Systems Methodology for Strategic Information Systems Planning: An Action Research Study in a Non-Profit Organisation in Australia” [Venable]</i></p> <p><i>“The model of technology appropriation: A lens for understanding systems integration in a Defence context” [Fidock]</i></p>	<p><i>“The Importance of Ongoing ERP Training and Support” [Calvert]</i></p> <p><i>“Touch it, feel it and experience it: Developing professional IS skills using interview-style experiential simulations” [Cybulski]</i></p> <p><i>“Learning Observation – Introducing the Role of a Meta-Observer” [Bruno]</i></p>	<p><i>“Design as Research: Emergent Complex Activity” [Hasan]</i></p> <p><i>“Developing a Business Process Reference Model for the Screen Business – A Design Science Research Case Study” [Seidel]</i></p> <p><i>“Information Systems Design Science Research: A Critical Realist Perspective” [Carlsson]</i></p>	<p><i>“Current Internet Use in Australia: A Closer Look at the Digital Divide” [Byrne]</i></p> <p><i>“The Contradictory Account of Success and Failure of a Strategic ISD” [Cecez-Kecmanovic]</i></p>
13:30 – 15:00					
15:00 – 15:30	Afternoon Tea (Foyer 1)				

**Day 1 – Wednesday 6<sup>th</sup> December**

	Session 2.1 (Hall A)	Session 2.2 (Room 4)	Session 2.3 (Room 5)	Session 2.4 (Room 10)	Session 2.5 (Room 11)
15:30 – 17:00	<p>Special Presentation</p> <p><i>“The Information Systems Discipline in Australian Universities”</i></p> <p>Guy Gable (QUT)</p>	<p><i>“A Framework for the Adoption of Wireless Technology in Healthcare: An Indian Study”</i> [Howard]</p> <p><i>“A Web Services Architecture for Rich Content Mobile Learning Clients”</i> [Parsons]</p> <p><i>“Drawing From a Larger Canvas– a Gestalt Perspective on Location-Based Services”</i> [Kjeldskov]</p>	<p><i>“Australian ERP Benchmarking”</i> [Stein]</p> <p><i>“Towards an abbreviated CobiT framework for use in an Australian state public sector”</i> [Ridley]</p> <p><i>“Adoption and Implementation of IT Governance: Cases from Australian Higher Education”</i> [Chang]</p>	<p><i>“Passive Piracy: Why Pirates Are Not Necessarily Potential Buyers of Digital Products”</i> [Lim]</p> <p><i>“Social Factors Influencing the Information Security Maturity of Malaysian Public Service Organisation: An Empirical Analysis”</i> [Dzazali]</p> <p><i>“Password Composition Policy: Does Enforcement Lead to Better Password Choices?”</i> [Campbell]</p>	<p><i>“Toward an Integrative Role for Intranets: An Interpretive Case Study of Intranet-based Dynamic Knowledge Integration in Socio-technical Networks”</i> [Lichtenstein]</p> <p><i>“The Application of Individual and Collective Rationality to e-Collaboration”</i> [Nolan]</p> <p><i>“Videoconferencing Offers More than Audio and Video - Making Creative Animation Artists Collaborate between Remote Offices”</i> [Schremmer]</p>
17:30 – 18:30	AAIS meeting (Room 5)				
18:00 -	ACS Chairman’s Cocktail Party (The Cavern)				

**Day 2 – Thursday 7<sup>th</sup> December**

8:30	Registration desk open (Foyer 1)				
9:30 – 10:30	Keynote speaker – Mr Peter Grant				
10:30 – 11:00	Morning Tea (Foyer 1)				
11:00 – 12:30	<p>Session 3.1 (Hall A)</p> <p><i>“ERP misfits: What is it and how do they come about?” [Pries-Heje]</i></p> <p><i>“Developing the electronic service acceptance model from Internet securities trading system” [Rotchanakitumnai]</i></p>	<p>Session 3.2 (Room 4)</p> <p>Panel</p>	<p>Session 3.3 (Room 5)</p> <p><i>“Enhancing IT Architect capabilities: Experiences within a university subject” [Frampton]</i></p> <p><i>“Improving Class Participation in IT Tutorials and Small Lectures” [Sixsmith]</i></p> <p><i>“Paired Programming in a Clayton’s Capstone Project Course” [Clark]</i></p>	<p>Session 3.4 (Room 10)</p> <p><i>“A Security Architecture for SCADA Networks” [Slay]</i></p> <p><i>“Building Computer Virus Immune Response using a Bio-mimicry Framework: An innovative and theoretical discourse” [Martin]</i></p> <p><i>“Outsourcing System Security: A Theoretical Perspective” [Wilde]</i></p>	<p>Session 3.5 (Room 11)</p> <p><i>“A Data Quality Framework for Engineering Asset Management” [Lin]</i></p> <p><i>“Workplace Privacy and Surveillance: A Matter of Distributive Justice” [Sandy]</i></p> <p><i>“Soft’ enablers of knowledge management - a qualitative study” [Goh]</i></p>
12:30 – 13:30	Lunch (Hall E)				
13:30 – 15:00	<p>Session 4.1 (Hall A)</p> <p><i>“Improving Representational Analysis: An Example from the Enterprise Systems Interoperability Domain” [Indulska]</i></p> <p><i>“Relationship between Information Systems and Organisational Learning -- Lessons from the Field” [Cecez-Kecmanovic]</i></p> <p><i>“A Model for Assessing SISP Maturity Using the Analytic Network</i></p>	<p>Session 4.2 (Room 4)</p> <p><i>“From genre-based ontologies to business information architecture descriptions” [Kilpelainen]</i></p> <p><i>“Propagation of an initial model for evaluating operational enterprise systems” [Fulford]</i></p> <p><i>“Enterprise Architecture: how does it work in the ABS?” [Lynch]</i></p>	<p>Session 4.3 (Room 5)</p> <p><i>“Enabling the Transfer of Information Technology Support Knowledge to Enterprise Customers Using Web-based Self-service Systems: Critical Success Factors from the Support Organisation Perspective” [Cooper]</i></p> <p><i>“E-Learning and Task-Technology Fit: A Student and Instructor</i></p>	<p>Session 4.4 (Room 10)</p> <p><i>“A Modified Technology Acceptance Model for Camera Mobile Phone Adoption: Development and validation” [Rouibah]</i></p> <p><i>“e-Spective: pervasive computing presenting a new perspective of the city” [Kjeldskov]</i></p> <p><i>“Values and M-Services Adoption” [McManus]</i></p>	<p>Session 4.5 (Room 11)</p> <p><i>“SNA as an Attractor in Emergent Networks of Research Groups” [Hasan]</i></p> <p><i>“The labour of learning: a framework for understanding knowledge barriers in IT innovation” [Jones]</i></p> <p><i>“Development of an IS Relevance Index” [Young]</i></p>

	<i>Process” [Pita]</i>		<i>Comparison” [McGill]</i>  <i>“Can Seminar and Computer-Based Training Improve the Effectiveness of Electronic Mail Communication within the Workplace?” [Jackson]</i>		
15:00 – 15:30	Afternoon Tea (Foyer 1)				
15:30 – 17:00	<p>Session 5.1 (Hall A)</p> <p><i>“Reshaping e-commerce in Thailand: An exploratory study of e-commerce adoption for business to business communication in the Thai tourism industry from a cultural fit perspective” [Vatanasakdakul]</i></p> <p><i>“Adding Value to Software Requirements: An Empirical Study in the Chinese Software Industry” [Hu]</i></p> <p><i>“Collaborating in a virtual team; the challenges of purpose, people and technology” [Stockdale]</i></p>	<p>Session 5.2 (Room 4)</p> <p><i>“Business Process Management for SMEs: An Exploratory Study of Implementation Issues in the Western Australian Wine Industry” [Chong]</i></p> <p><i>“Towards Understanding Strategic Alignment of Business Process Management” [de Bruin]</i></p> <p><i>“Correlating Business Process and Organizational Models to Manage Change” [Koliadis]</i></p>	<p>Session 5.3 (Room 5)</p> <p><i>“Usability in Requirements Engineering” [Adikari]</i></p> <p><i>“The S-Statistic: a measure of user satisfaction based on Herzberg’s theory of motivation” [Mullany]</i></p> <p><i>“Procedure Model for the Analysis and Design of Reporting Systems - A Case Study in Conceptual Modelling” [Seidel]</i></p>	<p>Session 5.4 (Room 10)</p> <p><i>“A Change Management Model for the Implementation and Upgrade of ERP Systems” [Calvert]</i></p> <p><i>“Factors that influence Information Systems decisions and outcomes: A summary of key themes from four case studies” [Jamieson]</i></p> <p><i>“Understanding and Assessing the Extent of Enjoyment of Web Experiences” [Lin]</i></p>	<p>Session 5.5 (Room 11)</p> <p><i>“Understanding Sociability and Collective Knowledge Construction in Virtual Communities” [Letch]</i></p> <p><i>“Victorian local government websites: tracking information provision and e-service maturity” [Shackleton]</i></p> <p><i>“E-fulfilment Systems for Quality Healthcare Delivery: A New Construct for Visualising and Designing” [Joyce]</i></p>
17:00 – 18:00	ACPHIS meeting (Room 5)				
19:30 - late	Conference Dinner (Hall E)				

**Day 3 – Friday 8<sup>th</sup> December**

8:30	Registration desk open (Foyer 1)				
9:30 – 10:30	<p>Session 6.1 (Hall A)</p> <p><i>“Do We Need a General Classification Scheme for e-Business Models” [Lambert]</i></p> <p><i>“Structural Equation Modelling of Large-scale Information System Application Development Productivity: the Hong Kong Experience” [Quaddus]</i></p> <p><i>“Understanding Context-Awareness in Business Process Design” [Recker]</i></p>	<p>Session 6.2 (Room 4)</p> <p><i>“Examining Factors Influencing IT Outsourcing Success in Malaysian Organizations” [Hussin]</i></p> <p><i>“Evaluating and Realizing the B2BEC Benefits in EC-Related IT Investments” [Fulford]</i></p> <p><i>“Evolution of Business Intelligence: Adoption and Use – An Australian Perspective” [Hawking]</i></p>	<p>Session 6.3 (Room 5)</p> <p><i>“Teaching Information Systems Projects: An Enhanced Product-Process Pattern and Supporting System” [McDonald]</i></p> <p><i>“Integration of ITIL into the IS Curriculum” [Bentley]</i></p> <p><i>“Attrition in Information Systems Courses: strategies from a new generation university” [Shackleton]</i></p>	<p>Session 6.4 (Room 10)</p> <p><i>“Consumer Acceptance of Third Generation Value-added Mobile Services: A Survey of Hong Kong Consumer Perceptions” [Lichtenstein]</i></p> <p><i>“Exploring the characteristics of mobile data service users in Australia” [Lee]</i></p> <p><i>“Specifying System Requirements Using the 5S Method” [Brown]</i></p>	<p>Session 6.5 (Room 11)</p> <p><i>“Exploring creativity elements in requirements engineering” [Nguyen]</i></p> <p><i>“The Impact of Information System and Technology (IST) Investment Announcements on the Market Value of Australian Companies: An Event Study” [Nagm]</i></p> <p><i>“Social Software: For the People, By the People” [Lenarcic]</i></p>
10:30 – 11:00	Morning Tea (Foyer 1)				

**Day 3 – Friday 8<sup>th</sup> December**

	Session 7.1 (Hall A)	Session 7.2 (Room 4)	Session 7.3 (Room 5)	Session 7.4 (Room 10)	Session 7.5 (Room 11)
11:00 – 12:30	<p><i>“Y-Generation students fail with Google”</i> [Genrich]</p> <p><i>“Structure equation modeling approach in multiplatform e-learning system evaluation”</i> [Goh]</p> <p><i>“Cultural factors behind the growth of e-learning in Malaysia: Academic guanxi”</i> [Barton]</p>	<p><i>“Transforming IT Service Management – the ITIL Impact”</i> [Cater-Steel]</p> <p><i>“Improving ICT Governance in Australian Companies”</i> [Warren]</p> <p><i>“A Case Study of an Outsourcing Decision Project in a Large Public Organization”</i> [Carlsson]</p>	<p><i>“Is there a viable future for residential IP-Telephony users? Exploring providers’ and end-users’ perspectives”</i> [Papazafeiropoulou]</p> <p><i>“An Evaluation Framework for e-Government Services Based on Principles Laid Out in COBIT, the ISO 9000 Standard, and TAM”</i> [Funilkul]</p> <p><i>“The Information Security Standards Marketplace”</i> [Baskerville]</p>	<p><i>“Problem Ontology of a Design Environment for Dairy Stakeholders to Build Target-Relevant Decision Support Tools for the Australian Dairy Industry”</i>[Miah]</p> <p><i>“The new regime for international electronic contracting”</i> [Polanski]</p> <p><i>“Successfully Turning Around a Failing E-procurement Project: Lessons from a UK Borough Council”</i> [Parkes]</p>	<p><i>“The impact of mobile computing in the performance evaluation of Emergency Medical Services: An Australian case study”</i> [Burley]</p> <p><i>“Networkability in the Health Care Sector - Necessity, Measurement and Systematic Development as the Prerequisites for Increasing the Operational Efficiency of Administrative Processes”</i> [Gericke]</p> <p><i>“Governing the Implementation of a Complex Information Systems Network: - The Case of Finnish Electronic Prescription”</i> [Salmivalli]</p>
12:30 – 13:30	Lunch (Hall E)				



**Day 3 – Friday 8<sup>th</sup> December**

	Session 8.1 (Hall A)	Session 8.2 (Room 4)	Session 8.3 (Room 5)	Session 8.4 (Room 10)	Session 8.5 (Room 11)
13:30 – 14:30	<p><i>“Major Issues in Business Process Management: An Australian Perspective” [Indulska]</i></p> <p><i>“When to use what? – Selecting systems development method in a Bank” [Pries-Heje]</i></p> <p><i>“Short and long-term impacts of software process improvement in small software firms” [Cater-Steel]</i></p>	<p><i>“Declining popularity increases declining diversity: extending the discourse of the discipline” [Lang]</i></p> <p><i>“Action Research in Practice: Balancing the Dual Imperatives” [de Salas]</i></p> <p><i>“Implications of the Adoption of Certain Sets of Philosophical Presuppositions for Theorising ‘Quality of Conceptual Models’ “ [Wysusek]</i></p>	<p><i>“Significant barriers to ICT adoption in the public sector in the Least Developed Countries (LDCs): A case study of Bangladesh” [Imran]</i></p> <p><i>“Why ERP Systems Fail to Generate Intended Benefits in Developing-country Organisations” [Rajapakse]</i></p> <p><i>“Successful Software Project and Products: An Empirical Investigation Comparing Australia and Sweden” [Berntsson-Svensson]</i></p>	<p><i>“Selection of an Open Source License: Aspects for consideration for Organisation in the choice of an Open Source License” [Skidmore]</i></p> <p><i>“Document Variant Management - Facilitating Enterprise System Definition, Configuration, and Interoperability” [Janiesch]</i></p> <p><i>“Supporting a Medication Management Model with Digital Documents” [Calabretto]</i></p>	<p><i>“A business model for collaborative commerce marketplace” [Seng]</i></p> <p><i>“Go*Team: A new approach to developing a knowledge sharing culture” [Warne]</i></p>