

Proposed Honours Topics and Supervisors - 2009.

As at 19 January 2009.

Subject to change; you will need to discuss with the staff concerned.

<p>A/Prof.. Aybüke Aurum</p>	<ul style="list-style-type: none"> • Value-based Software Development in Australian Industry • Identifying Success and Failure Issues of Software Projects and Software Products in Australian Industry • Global Requirements Engineering for Product Release Planning • Requirements Engineering for Service Oriented Architecture (SOA) Application Systems Development • Global Software Development Process • Decision Making Process in Software Development • Knowledge Management Practice in Software Companies in Australia. • Cyber Law • Legal Aspects of Carbon Emissions
<p>Dr. Deborah Bunker (on leave S1 2009)</p>	<ul style="list-style-type: none"> • Information Systems As Tools in Context: Technology Transfer and Diffusion Issues in Systems Implementations. • A Perspectival Model for Information Systems Management: Phenomenology as a Means on Understanding. • The Marketplace as a Social Space: The Uptake and Use of Electronic Grocery Systems (EGS) in the Global Marketplace. • Electronic Commerce and SMEs: Are Current Ecommerce Business Models Appropriate for the Successful Adoption of Ecommerce by SMEs. • Electronic Commerce Procurement Models: Industry Differences and Their Implications. • The Management of Inter-organisational Information and Systems Requirements.
<p>Dr. Fletcher Cole</p>	<ul style="list-style-type: none"> • Document management systems • News management systems • Data management practices in specific organizations • User and systems issues related to the representation of complex data; e.g. geographic information systems, financial trading systems, e-research • Topics in social informatics, or history of information & communication technologies • Taxonomy and classification theory • Other topics – as agreed
<p>Prof. Dubravka Cecez-Kecmanovic</p>	<ul style="list-style-type: none"> • Organisational and Social Implications of IS: Creating Value through IS • IS Impacts on Company Competitive Advantage • Critical Theory Informed Empirical Research (there is a possibility to conduct an empirical study in UNSW) • Exploring Knowledge and Learning, Knowledge Management and Knowledge Management Systems (KMS) in Organizations through: Application of the Sensemaking AND/OR Theory Autopoietic Approach • Designing and Testing IS Technologies to Support Public Communication and Debate (intra and inter-organisational, Professional Associations, Local Councils, etc.)

A/Prof John D'Ambra	<ul style="list-style-type: none"> • Computer mediated –communication • Issue of Email use • Instant Messaging adoption and diffusion • Evaluation of the Web • ICT and Tourism
Dr. Farhad Daneshgar	<ul style="list-style-type: none"> • Knowledge Management in SMEs • Taxonomies of Knowledge in Virtual Organizations • eLearning at Workplace • ICT Management in Global Organizations • eBanking in Australia
A/Prof Pat Finnegan	<ul style="list-style-type: none"> • Business models for open innovation and peer production (including open source software) • User-generated and open content in gaming, travel, media, education, etc • Architectures of participation for virtual worlds and communities (e.g. Second Life, Youtube, SourceForge) • Innovation Marketplaces (e.g. Innocentive, Nine Sigma, Yet2) • Economic and societal impact of 'new media' and Web 2.0 • Network governance in strategic business networks • Electronic Business Models
Dr. Zixiu Guo	<ul style="list-style-type: none"> • Computer-mediated communication systems adoption and usage • Web2 technologies in learning contexts • Cultural impact on IS/IT adoption and usage
Prof. Vernon Hsu	<ul style="list-style-type: none"> • Information Systems in Multinational Companies • Impact of International Tax Planning on Information Technology Development in a Multinational Company • Supply Chain Management Systems in Australia
Dr. Lesley Land	<ul style="list-style-type: none"> • Use/adoption of online news, virtual communities, e-auction, or other ISs. • Software reviews/inspections - case studies or experimentation. • E-health adoption for developed or developing countries • E-learning - corporate or for university students or for medical professionals/consumers. • Using IS for improving customer satisfaction
Prof. Graham Low	<ul style="list-style-type: none"> • Design of agent oriented information systems. • Method engineering. • Use of ontologies in agent oriented information systems. • Innovation and adoption of information systems. • Outsourcing of information systems • Management of information systems development and/or operations.
A/Prof. Fethi Rabhi	<ul style="list-style-type: none"> • Large scale analysis of news data • Simulation of financial markets • Business to Business Integration using EDI.

A/Prof. Pradeep Ray	<ul style="list-style-type: none"> • Metamodel for intelligent service management • Privacy Management in eHealth • Assessment of Mobile eHealth
Dr. Greg Stephens	<ul style="list-style-type: none"> • Application of Socio-network Analysis to the Partitioning and Allocation in Distributed Systems (with G Low). • Authentication mechanisms e.g. Biometrics (with R. Jamieson). • Computer Mediated Communication.
Dr. Chung Li Tseng	<ul style="list-style-type: none"> • IT applications in supply chain management • Proactive project risk management • Flexibility in product development • Dynamic pricing for e-commerce
Ms Christine Van Toorn / Prof. John D'Ambra	<ul style="list-style-type: none"> • E-mail and organisational productivity.