

School of Information Systems, Technology & Management

Proposed Honours Topics and Supervisors - 2007.

As at 16 October 2006

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

<p>Dr. AYBÜKE AURUM (on leave S2 2006)</p>	<ul style="list-style-type: none">• Value-based Software Development in Organizations (multiple topics).• Knowledge Management Practice in Software Companies in Australia.• Decision Making Process in Software Development .• Requirement Engineering Practice in Australian organizations -- for Complex Systems, or web-based systems (multiple topics).• Creativity in Software Development and/or Requirements Engineering. (multiple topics).• Evolvement of Instant Messaging Technology in Organizations.• Other topics related to Value-based Approaches, Decision Making, and Project Management .
<p>Dr. DEBORAH BUNKER</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 (on leave S1 2007)</p>	<ul style="list-style-type: none">• Analysis and exploitation of textual news feed.• Data management practices in specific organizations.• Taxonomy and classification theory.• Topics in social informatics.• User and systems issues related to the representation of complex data; e.g. geographic information systems.• 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.)
<p>Dr. GEOFF DICK (on leave S1 2007)</p>	<ul style="list-style-type: none"> • Telecommuting. • Online Education. • Others as agreed.
<p>Dr. ZIXIU GUO</p>	<ul style="list-style-type: none"> • Computer-Mediated Communication (CMC) studies. • Cross-cultural study of IT (IS). • ERP implementation. • Virtual Teams Studies.
<p>Dr. LESLEY LAND (on leave S2 2007)</p>	<ul style="list-style-type: none"> • Use/adoption of online news, virtual communities, or other ISs. • Knowledge management in organizational context. • Software quality development practices - case studies or experimentation. • E-health adoption for developing countries (WHO project) • Others - by mutual agreement.
<p>Prof. GRAHAM LOW (on leave S2 2006)</p>	<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. • Management of information systems development and/or operations.
<p>Assoc. Prof. FETHI RABHI</p>	<ul style="list-style-type: none"> • Large scale analysis of news data • Simulation of financial markets • Business to Business Integration using EDI.
<p>Dr. GREG STEPHENS (on leave S2 2007)</p>	<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.
<p>Ms CHRISTINE VAN TOORN / Prof. JOHN D'AMBRA</p>	<ul style="list-style-type: none"> • E-mail and organisational productivity.