



## IMB 2006 Conference Program

	Monday 13-Feb	Tuesday 14-Feb		Wednesday 15-Feb	Thursday 16-Feb
09:00 – 10:30		Tutorial/ Panel 1 <b>Hunter Room</b>	Tutorial/ Panel 2 <b>Phillip Room</b>	OPENING PLENARY SESSION, Keynote Speech 1 <b>Hunter/Phillip Rooms</b>	Paper Session 6
10:30 – 11:00		<b>Morning Tea</b>	<b>Morning Tea</b>	<b>Morning Tea</b>	<b>Morning Tea</b>
11:00 – 12:30		Tutorial/ Panel 1 <b>Hunter Room</b>	Tutorial/ Panel 2 <b>Phillip Room</b>	Paper Session 3	Paper Session 7
12:30 – 13:30		<b>Lunch</b>		<b>Lunch</b>	PLENARY SESSION Keynote Speech 2 (lunch) <b>Governors' Ballroom</b>
13:30 – 15:00	<b>Doctorial Consortium @ UWS</b>	Paper Session 1		Paper Session 4	Paper Session 8 <b>STARTS AT 2:30pm</b>
15:00 – 15:30		<b>Afternoon Tea</b>		<b>Afternoon Tea</b>	<b>Afternoon Tea</b>
15:30 – 17:00		Paper Session 2		Paper Session 5	Paper Session 9
		<b>Welcome Drinks at Macquarie Room 5:30pm START</b>		<b>Conference Dinner &amp; Awards Governors' Ballroom 7:00pm START</b>	

- Registration desk is located in front of Hunter/Phillip Rooms
- Please see "Paper Presentation Timetable" below for paper session details
- Keynote Speech 1

Presenter: Prof. Samuel K.C. Chang, President, Shih Chien University, Taiwan  
Topic: Humanity, Technology and Environment: A partnership for the Future

- Keynote Speech 2

Presenter: Prof. Athula Ginige, Professor of Information Technology, University of Western Sydney, Australia  
Topic: From eTransformation to eCollaboration: Issues and Solutions



## IMB 2006 Conference Paper Presentation Timetable

Tuesday 14 February 2006	
09:00 -	<b>Tutorial/Panel 1 - Hunter</b>
	Global Smartsourcing: Key Opportunities and Challenges - <i>Dr. Mahesh S. Raisinghani, TWU School of Management, USA</i>
12:30	<b>Tutorial/Panel 2 - Phillip</b>
	Business Process Re-engineering in a Boundary-less Environment - <i>Dr. Bhuvan Unhelkar, University of Western Sydney, Australia</i>
13:30 -	<b>Session 1 - Hunter (Chair: Bhuvan Unhelkar)</b>
	An Object-oriented Framework for Individuals Policies using Dynamic, Distributed Workflows - Indira Meshram, S. K. Gupta, Vikram Goyal, Anand Gupta
	Solving the Optimal Strategic Plan of Fuel Cell Industry by TOPSIS Method - Hua-Kai Chiou, Gwo-Hshung Tzeng, Chia-Chin Wan
	Analysis, Planning and Practice of Trading Agent Competition Supply Chain Management (TAC/SCM) - Golenur Begum Huq
	<b>Session 1 - Phillip (Chair: Madan Kumaraswamy)</b>
	A Design for an Artificial Intelligence based Automated Optical Inspection System in Semiconductor Defect Detection - Alan P.C. Sun, David Ho, Yi-Chin Lai, Cheng-kuan Lin
	Fuzzy economic production quantity model for items with imperfect quality - Shan Huo Chen, Chien-Chung Wang, Shu Man Chang
15:00	A fuzzy-neural approach for predicting literature research tendency - Yun-yi Liu, Liang Liang
	<b>Session 2 - Hunter (Chair: Robyn Lawson)</b>
	Automatic construction of a concept hierarchy to assist Web document classification - Woo Chul Cho, Debbie Richards
	Developing a brand performance measure for Internet brands - Hsiu-Yuan Tsao, B. Ramaseshan, Koong H.-C. Lin
	Websites Recommended by Australian Health Care Practitioners for Use by Overweight and Obese Adolescents - Rachel Jane Mahncke, Leisa J Armstrong
	Ontology-Driven Semantic Information Retrieval - Huanghai, Wang Rujing, Huang He, Xiao Bo
	<b>Session 2 - Phillip (Chair: D.M. Akbar Hussain)</b>
Prioritizing and Partitioning Business Requirements for Incremental Web Development - Dianna Goerge, Khaled M. Khan	
15:30 -	An Object-Oriented Spatial Decision Support System for Emergency Management - Tsai-Yun Liao, Ta-Yin Hu
	A General Analysis of Trade Data in the Context of ICT Infrastructure Variability - Vijay Vemuri, Shahid Siddiqi
	Data and information quality: an information-theoretic perspective - Wei Hu, Junkang Feng
17:00	

(\*) = Nominated for the best paper

- A Conceptual Framework and Propositions for the Acceptance of Mobile Services
- Developing a collaborative decision model in an ERP system
- On Improving Estimates of User Sessions from Web Server Logs

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## Wednesday 15 February 2006

<b>11:00</b> - <b>12:30</b>	<b>Session 3 - James Ruse (Chair: Alan P.C. Sun)</b>
	An Interactive Model for Fuzzy Measure Determination - Amol Wagholikar, Peter Deer
	A Neural Network Based Architecture for Mobile Agents in a Security Application - Anand Kuppaswami
	Expert Decision Support Systems for Effort Estimation in Software Projects - Madan Kumaraswamy
	Fingerprint Recognition with Pattern Matching Technique using Fuzzy Logic - D. M. Akbar Hussain, Zaki Ahmad, Shaiq A. Haq
	<b>Session 3 - Boardroom (Chair: Debbie Richards)</b>
	Under Benefits of Bio-KMS, the Knowledge Management Process Effects on Knowledge Management Performance - Li-Ling Hsu
On the ontological aspects of Knowledge Management - Lakkaraju Sai Kiran, Vijay Khandelwal	
The Effects of Knowledge Management on Information Sharing Practices: A Case Study on Nortel Networks - Katina Michael	
<b>Session 3 - John Macarthur</b>	
AIMB Meeting	
<b>13:30</b> - <b>15:00</b>	<b>Session 4 - James Ruse (Chair: Ehsan Vossough)</b>
	An Efficient IP Traceback Approach - Wang-Jiunn Cheng, Maria R. Lee, Chung-Han Sheng
	A Flexible Context-Aware Scheme for Mobile e-Services - Kuen-Liang Sue, Wen-Jr Wu, Chung-Hsien Tsai
	An HMM-based Approach for Mining User Moving Patterns in Cellular Communications - Don-Lin Yang, Ming-Chuan Hung, Jain-Chung Chang, Jungpin Wu
	<b>Session 4 - Boardroom (Chair: Nasrullah Memon)</b>
	MobileOffice Scheduler: Another Mobile Office Solution - Latifah Mohamed, Ida Zuraida Zakaria
	A mobile knowledge management expert system for automatically conducting a digital business - Wu Wen, Yuh-Huey Chen, Hong-Shin Pao
	Strategy Analysis of Mobile Number Portability for Mobile Operators in the Use of Game Theory - Le-Pong Chin, Su-Wen Chuang
	<b>Session 4 - John Macarthur (Chair: Mahesh Raisinghani)</b>
	HSM: A Hierarchical Spiral Model for Knowledge Management - Zhaohao Sun, Gang Hao
BPM - Bridging the gap between Business Processes and technologies for Process Management - Olivera Marjanovic	
Long Term Information Needs In the Architecture, Engineering, and Construction (Chair: AEC) industries - Refad Bader, Howard Leslie, Yogesh Deshpande	
<b>15:30</b> - <b>17:00</b>	<b>Session 5 - James Ruse (Chair: Florian Stahl)</b>
	Interception and Wiretapping Technology for Internet Telephony Case Study on SIP-Based VoIP System - Roy Chaoming Hsu, Cheng-Ting Liu, Wen Ping Huang, Jen-Bon Tsai, Jun-Long Tseng
	The Design of load-balancing computer-assisted instruction system with embedded 3D Virtual Instruments - Fu-Chien Kao, Kun-Yi Chiang, Chia-Liang Kuo
	The Architecture and Development of a Secure On-line Transaction and Monitoring System - RongJou Yang, Hann-Jeng Ho, I-Ming Shieh
	<b>Session 5 - Boardroom (Chair: Ana Hol)</b>
	Survey of Requirements Modeling in Software Engineering: A Research Perspective - Niu Xi, Liu Qiang
	The Team-based, Information Technology- enabled Organizations - Hamid Tohidi, Mohammad Mehdi Jabbari
	Assessing Business & IT Alignment maturity; Applying Luftman's model in practice - A.J. Gilbert Silvius
	<b>Session 5 - John Macarthur (Chair: Shahid Siddiqi)</b>
	An Intelligent System for Diagnosing Tourette Syndrome - Alberto Ochoa O. Zezzatti, Amol Wagholikar
A Survey of Recent Research to support Remote Neonatal Intensive Care via Mobile Devices - Carolyn McGregor, Brent Morris	
Evaluating the Impact of Telecommunication on Telemedicine - Sandra Synthia Lazarus	

## Thursday 16 February 2006

<b>09:00</b> - <b>10:30</b>	<b>Session 6 - James Ruse (Chair: Chun-Chin Wei)</b> Business Process Integration and Automation in ERP System Environment - Integration of Applications and Workflows - Premaratne Samaranayake, Felix T. S. Chan Reverse Logistics Processes: An Australian Study - Dushantha Dissanayake, Mohini Singh Environment Uncertainty, Cooperation Relationship and Performance in 3rd Party Logistics---Transaction Cost, Agent and Resource Dependent Theories Approach - Jao-Hong Cheng, Chih-Sheng Chen, Jr-Huei Tang
	<b>Session 6 - Boardroom (Chair: Julie Fisher)</b> An Exploratory Study of SME Barriers for Adoption of ICT and e-commerce in the Developing Countries - an empirical pilot study of Sri Lanka - Mahesha Kapurubandara Evolution of eBusiness Adoption in the Western Sydney Region - Ana Hol, Athula Ginige, Robyn Lawson Jordan Electronic Government: Success Factors - Ibrahim Tadros, Asim El Shiekh, A. Abdali Rashed
	<b>Session 6 - John Macarthur (Chair: Joanne Curry)</b> On Improving Estimates of User Sessions from Web Server Logs - Amithalal Caldera, Yogesh Deshpande (*) State of Business Intelligence in the Large Finnish Companies - Virpi Pirttimaki, Antti Koskinen Contract-Driven Cross-Organizational Business Processes - Ustun Yildiz, Olivera Marjanovic, Claude Godart
	<b>Session 7 - James Ruse (Chair: Kuen-Liang Sue)</b> An improved system for processing of continuous queries over infinite data streams - Ehsan Vossough An evaluation of Adaptive Educational Information Systems and its impact on University students learning performance - Amal Al-Dujaily, Hokyoung Ryu Effectiveness of Web Based Learning- An Evaluation - Nasrullah Memon, Abdul Qadeer Khan Rajput, Bhawani Shankar Chowdhry
	<b>Session 7 - Boardroom (Chair: Premaratne Samaranayake)</b> Using Enterprise Resource Planning Tools in Real time Supply Chain Coordination - Mohammad J. Tarokh, Javad Soroor Rethinking User Acceptance: An Examination of User Resistance in Mandatory Adoption of Enterprise Systems - Tim Klaus, J. Ellis Blanton Transaction Cost, Cooperation Relationship and Boundary Spanning Activities for Selecting Third Party Logistics - Jao-Hong Cheng, Shu-Nu Chan, Yu-Wei Chuang, Sheng-Wen Hung
	<b>Session 7 - John Macarthur (Chair: Indrit Troshani)</b> E-Commerce Adoption Barriers in Small Businesses: A Comparative Study of Three Regional Areas in New South Wales (Australia) - Rob MacGregor, Lejla Vrazalic, Deborah Bunker A Case Study of Mobile Device Use: Motivations And Trends - Linda Dawson, Susan Foster, Andrew Barnden An Overview of Mobile Banking Adoption Among Urban Community - Ainin Sulaiman, Noor Ismawati Jaafar, Suhana Mohezar
	<b>Session 8 - James Ruse (Chair: Don-Lin Yang)</b> Modeling Group Dynamics in a Global Information Systems - Jacek Unold Global knowledge management systems: key cross-cultural issues and the implications of sarbanes-oxley act - Mahesh S. Raisinghani, Pamela Smith Baker
	<b>Session 8 - Boardroom (Chair: Robyn Lawson)</b> Approach for Enterprise Systems Implementation: Organizational fit Perspective - Vineet Kansal Information Management in the Mobile Hospital Work Domain - Julie Fisher, Linda Dawson, Liza Hesslop, Stephen Weeding
	<b>Session 8 - John Macarthur (Chair: Ainin Sulaiman)</b> A Conceptual Framework and Propositions for the Acceptance of Mobile Services - Indrit Troshani, Sally Rao (*) Creation of a framework for transitioning to mobile business processes - Dinesh Arunatileka, Abbass Ghanbary
	<b>15:30</b> - <b>17:00</b>
<b>Session 9 - John Macarthur (Chair: Tim Klaus)</b> Usage Discontinuance in the Context of Mobile Service - Siu-Man Lui Integrating RFID technology in to mobile business - Florian Stahl, Marion Freudenschuss Investigating the Factors Impacting Personal Use of Mobile Technologies - Abbass Ghanbary, Dinesh Arunatileka	