

ITOM RESEARCH REPORT – DECEMBER 2008

KEY HIGHLIGHTS FOR 2008

- **Wai Fong's** paper: "Mechanisms for sharing knowledge in project-based organizations" that appeared in *Information and Organization*, has been selected by the Senior Scholar Best Publication Committee as one of the five best Information Systems (IS) papers published in 2007.
- **Sia Siew Kien** and **Christina Soh** have been awarded the **Stafford Beer Medal for 2007** for their paper on the assessment of package-organisation misalignment (published in EJIS in October 2007). The Stafford Beer Medal is awarded for the best paper published in the European Journal of Information Systems (EJIS) and Knowledge Management Research & Practice (KMRP), two of the Operational Research (OR) Society's journals. Congratulations, SK and Chris!!
- **Ang Soon** has been appointed as **Senior Editor** of *MISQ* from January 01, 2009 onwards.
- **Wai Fong** has been appointed as Associate Editor for *ISR* from January 01, 2009.
- **Vish** has appointed as member of the Editorial Board for *IJPR* from Jan 01, 2009.
- **Ang Soon** Recognized by the *DSJ* Editorial team for "**Outstanding Decision Science Journal Associate Editor**" for the high quality of her developmental reviews and the academic leadership
- Lim, E. N-K., Das, S. S., & **Das, A.**, 2008, Diversification Strategy, Capital Structure, And The Asian Financial Crisis (1997-98): Evidence From Singapore Firms, *Strategic Management Journal* (Accepted for publication)
- **Chen Shaoxiang**, Feng Yi, Arun Kumar, 2008, An Algorithm for Single-Item Economic Lot-Sizing Problem with General Inventory Cost, Non-Decreasing Capacity, and Non-Increasing Setup and Production Cost, *Operations Research Letters*
- **Joseph D.**, Ang S, Chiang R and Slaughter S. Beyond Technical Ability: The Importance of Practical Intelligence for Assessing the Soft Skills of IT Professionals. *Communications of the ACM*, 2008 In Press.
- **Michael Z.F. Li**, 2008, A Generic Characterization of Equilibrium Speed-Flow Curves, *Transportation Science*, Vol. 42, No. 2, pp. 220-235
- M. M. Srinivasan and **S. Viswanathan** (2008) "Optimal WIP Inventory Levels for High-Variety Low-Volume Manufacturing Systems" Accepted and forthcoming, *IIE Transactions*.
- **Sia Siew Kien**, **Koh Siew Kuan**, and Tan ChengXun, 2008, Strategic Maneuvers for Outsourcing Flexibility: An Empirical Assessment, *Decision Sciences*, Vol. 39, No.3. pp. 407-443
- **Shin-yi Wu** and Pei-yu Chen, 2008, Versioning and Piracy Control for Digital Information Goods, *Operations Research*, Vol. 56, No. 1, pp. 157-172
- **Shin-yi Wu**, Lorin Hitt, Pei-yu Chen and G. Anandalingam, 2008, Customized Bundle Pricing for Information Goods: A Nonlinear Mixed Integer Programming Approach, *Management Science*, Vol. 54, No. 3, pp. 608-622

UPDATES FOR DECEMBER 2008

(Cumulative listing for whole of 2008 is given at the end)

Journal Papers

Bhatnagar, R., and Venkatramanaiah, S., (2008) “Models for Cellular Manufacturing Systems Design: Matching Processing Requirements and Operator Capabilities.” Accepted for publication in *Journal of Operational Research Society*.

Editorial Board Appointments

- **Ang Soon** has been appointed as **Senior Editor** of *MISQ* from January 01, 2009 onwards.

Awards and Honours

- **Wai Fong's** paper: “Mechanisms for sharing knowledge in project-based organizations” that appeared in *Information and Organization*, has been selected by the Senior Scholar Best Publication Committee as one of the five best Information Systems (IS) papers published in 2007.

FULL (CUMULATIVE) LISTING FOR 2008

1. JOURNAL PAPERS

- Lim, E. N-K., Das, S. S., & Das, A., 2008, Diversification Strategy, Capital Structure, And The Asian Financial Crisis (1997-98): Evidence From Singapore Firms, *Strategic Management Journal* (Accepted for publication)
- BOH, W.F. "Reuse of Knowledge Assets from Repositories: A Mixed Methods Study", *Information & Management*, Forthcoming
- Cecil Eng Huang Chua, Jonathan Wareham. Parasitism and Internet Auction Fraud: An Exploration. *Information & Organization*. Forthcoming.
- Cecil Eng Huang Chua. Why Do Virtual Communities Regulate Speech? *Communication Monographs*. Forthcoming.
- Chen Shaoxiang, Feng Yi, Arun Kumar, 2008, An Algorithm for Single-Item Economic Lot-Sizing Problem with General Inventory Cost, Non-Decreasing Capacity, and Non-Increasing Setup and Production Cost, *Operations Research Letters*
- Joseph D., Ang S, Chiang R and Slaughter S. Beyond Technical Ability: The Importance of Practical Intelligence for Assessing the Soft Skills of IT Professionals. *Communications of the ACM*, 2008 In Press.
- K. Pelly Periasamy, "Architecting Innovative Business Solutions: Business System Architecture", *Journal of Enterprise Architecture*, GEAO, Vol. 3, No. 1, 2008
- Michael Z.F. Li, 2008, A Generic Characterization of Equilibrium Speed-Flow Curves, *Transportation Science*, Vol. 42, No. 2, pp. 220-235
- Michael Z.F. Li, Anming Zhang, Yimin Zhang, 2008, Airline Seat Allocation Competition, *International Transactions in Operational Research*, Vol. 15, No. , pp. 439-459
- Rieck, Olaf (2008), The impact of Service Innovation on Corporate Performance. In Sen, S. "Innovation in the Service Sector", Icfai University Press.
- Rieck, Olaf, Canh Thang Doan (2008), "Shareholder Wealth Effects of Mergers & Acqui-sitions in the Telecoms Industry", in *Telecommunication Markets - Drivers and Impediments*, Spinger-Physica, New York and Heidelberg 2008. (Forthcoming)
- Bhatnagar, R., and Venkatramanaiah, S., (2008) "Models for Cellular Manufacturing Systems Design: Matching Processing Requirements and Operator Capabilities." Accepted for publication in *Journal of Operational Research Society*.
- S. Viswanathan, (2008), "Coordination in Vendor-Buyer Inventory Systems: On Price Discounts, Stackelberg Game and Joint Optimization," Accepted and forthcoming in *International Journal of Operational Research*.
- M. M. Srinivasan and S. Viswanathan (2008) "Optimal WIP Inventory Levels for High-Variety Low-Volume Manufacturing Systems" Accepted and forthcoming, *IIE Transactions*.
- H. Widiarta, S. Viswanathan and R. Piplani, (2008), "Evaluation of Hierarchical Forecasting for Substitutable Products," *International Journal of Services and Operations Management*, 4, 277-295.
- H. Widiarta, S. Viswanathan, and R. Piplani, (2008), "Forecasting Item-Level Demands: An Analytical Evaluation of Top-Down versus Bottom-Up Forecasting in a Production Planning Framework," *IMA Journal of Management Mathematics*, 19, 207-218.
- Shin-yi Wu and Pei-yu Chen, 2008, Versioning and Piracy Control for Digital Information Goods, *Operations Research*, Vol. 56, No. 1, pp. 157-172

Shin-yi Wu, Lorin Hitt, Pei-yu Chen and G. Anandalingam, 2008, Customized Bundle Pricing for Information Goods: A Nonlinear Mixed Integer Programming Approach, *Management Science*, Vol. 54, No. 3, pp. 608-622

Sia Siew Kien, **Koh Siew Kuan**, and Tan ChengXun, 2008, Strategic Maneuvers for Outsourcing Flexibility: An Empirical Assessment, *Decision Sciences*, Vol. 39, No.3. pp. 407-443

Tung Lai Lai, Xu Yun and Tan Felix, 2008, Attributes of Website Usability: A Study of Web-Users Using the Repertory Grid Technique, *International Journal of Electronic Commerce* (Accepted).

Wu Z., P. Wang and **Q. Wang** (2008) "A Loss-Function Based Adaptive Control Chart for Monitoring Process Mean and Variance" To appear in *International Journal of Advanced Manufacturing Technology*

Yeow, A. & **Sia, S.K.** 2008, Negotiating best practices in package software implementation. *Information & Organization*, 18 (1), pg. 1-28.

2. CONFERENCE PAPERS

Amit Das "Mix and Match: Prospects for inter-firm modularity-in-use" Presented at the *68th Academy of Management Meeting*, Anaheim, CA, 2008.

BOH, W.F. and Wong, S.S. "Knowledge Sharing via Repositories, Personal Networks, versus Institutionalized Routines" Presented at the *68th Academy of Management Meeting*, Anaheim, CA, 2008.

Boh, W.F., Xu, Y. and **Soh, C.** "VIS Standards Deployment and Integration: A Study of Antecedents and Benefits" Accepted for presentation at the *29th International Conference on Information Systems*, Paris 2008.

Espinosa, A. and **Boh, W.F.**, "Coordination and Governance in Geographically Distributed Enterprise Architecting: An Empirical Research Design" Accepted for presentation at the *42nd Hawaii International Conference on System Sciences*, Hawaii 2009.

Wong, S.S. and **BOH, W.F.** "Borrowing the trusted ties of others to build managerial peer reputation" Presented at the *68th Academy of Management Meeting*, Anaheim, CA, 2008.

Xu, Y., **BOH, W.F.** and **Soh, C.** "Post-Adoption of Vertical Information Systems Standards," Presented at the *68th Academy of Management Meeting*, Anaheim, CA, 2008.

Cecil Eng Huang Chua, **Amit Das**. Robot Battle and Robot Dance: Motivating Students To Enroll in IT. Proceedings of the 2008 *Workshop on Information Technology and Systems (WITS)*. 2008. Forthcoming.

Cecil Eng Huang Chua. Teaching Effective Screen Development. The Simple, 1:1 and 1:M Lab. Proceedings of the 2008 *Workshop on Information Technology and Systems (WITS)*. 2008. Forthcoming. Nominee for Best Teaching Case.

Lim Wee Kiat, **Cecil Chua**, **Sia Siew Kien**, **Christina Soh**, 2008, Knowledge Management during Vendor Transition: A Threat-Balancing Perspective, *3rd International Workshop on IT Project Management*, Paris.

Goh Kim Huat, Jesse Bockstedt, 2008, Unbundling and the Long Tail: New Evidence on the Consumption of Information Goods. Workshop on *Information Systems and Economics*, Paris, France

Goh Kim Huat, Jesse Bockstedt, 2008, Unbundling Information Goods: An Empirical Analysis of Consumer Behavior in the Creation of Custom Audio CDs. *INFORMS*, Washington D.C.

Goh Kim Huat, Robert J. Kauffman, 2009. Quantifying IT Value Latency: The Case of the Financial Services Industry, HICSS, Big Island, HI

- Joseph D. Ang S.**, and Slaughter S. Relative Wage Differences and Career Transitions of Female and Male IT Professionals. *Academy of Management Meeting 2008 Best Paper Proceedings*, Anaheim, California, August 8-13, 2008.
- Joseph D.** Increasing the Number of Entrants into the IT Profession: The Role of Experiential Training. Proceedings of the 2008 Association for Computing Machinery *SIGMIS* Conference on Computer Personnel Research, Charlottesville, VA, April 3-5, 2008.
- Ng, Kok-Yee, **Christine Koh**, **Soon Ang**, Jeffrey Kennedy and Kim-Yin Chan. (2008). "Effects of subordinates' cultural value orientations on feedback ratings", featured top posters at *Society of Industrial and Organizational Psychology Conference*, United States.
- Van Dyne, Linn, **Soon Ang**, Kok-Yee Ng and **Christine Koh**. (2008). "The role of cultural intelligence in translating international experience into international executive potential: An integrated model of experience and situated learning," presented in the "Empirical Advances in Expanding the Cultural Intelligence Nomological Network" symposium at *Society of Industrial and Organizational Psychology Conference*, United States.
- Chan, Kim-Yin, Kok-Yee Ng, Jeffrey Kennedy, **Soon Ang**, **Christine Koh**, Regena Ramaya, Wendy Yeo, and Sukhmohinder Singh. (2008). "Multisource leadership feedback for organizational-strategic leadership in the SAF", *International Military Testing Association Conference*.
- Gallien, J., J. Foreman, C. Dubois, **R. Bhatnagar**, C.C. Teo and J. Alspaugh,* (2008) Dynamic Supply Routing for a Make-To-Order Manufacturing Network. To appear in the *Proceedings of the 2008 Manufacturing and Service Operations Management Conference*, Baltimore, MD.
- Rieck, Olaf** (2008), "The Transformation of Telecoms Industry Structure: An Event Study" Proceedings of the *ITS 17th Biennial Conference*, June 25-28, 2008 in Montreal, International Telecommunications Society.
- S. Viswanathan** and M. M. Srinivasan, (2008), "Optimal WIP Inventory Levels for High-Variety Low-Volume Manufacturing Systems," Presented at *Operations Research and Management Science Symposium*, NUS Business School, SINGAPORE.
- Chenxi Zhou and **S. Viswanathan**, (2008), "A New Bootstrapping Based Method for Forecasting and Safety Stock Determination for Managing Service Parts Inventory," Presented at *15th International Symposium on Inventories*, Budapest, Hungary.
- Yan Feng and **S. Viswanathan**, (2008), "A New Lotsizing Heuristic for Manufacturing Systems with Product Recovery," Presented at *15th International Symposium on Inventories*, Budapest, Hungary.
- Sethi, Neeraj**. and **Sethi, Vijay**. "E-government Implementation: A case study of Dubai e-Government". *International Conference on E-governance*, International Congress of E-Government , 18th-20th December 2008, New Delhi, India.
- Davison, Robert, **Sia Siew Kien**, and Dong Xiao Ying. 2008. Introduction to the Special Issue on Information Systems in China, *Information Systems Journal*, 18, pp. 325-330.
- Sia Siew Kien**, **Christina Soh** and Peter Weill, 2008, Governance in global Enterprises: Managing in Asia, *International Conference of Information Systems*, Paris.
- Sia Siew Kien**, **Soh, Christina**, and Weill, Peter. 2008. IT Governance in Global Enterprises: Managing in Asia, *29th International Conference on Information Systems*, Paris.
- Yeow, A.** and Faraj, S. (2008) "The search for "search": Understanding technological and strategic contests", *Proceedings of the 68th Academy of Management Meeting*, Anaheim, CA, August. (joint work with Rindova, V.)
- Yeow, A.** and Faraj, S. (2008). "Marrying Work and the Technical Artifact within the Healthcare organization: A Narrative Network Perspective on IT Innovation-Mediated Organizational Change" *Proceedings of the 28th International Conference on Information Systems (ICIS)*, (acceptance ratio: 24%), Paris, France.

3. BOOKS, BOOK CHAPTERS AND CASES

- Leung, K., & **Ang, S.** (2008). Culture, organizations, and institutions: An integrative review. In R. S. Bhagat & R. M. Steers (Eds.), *Cambridge handbook of culture, organizations and work*. New York: Cambridge University Press. (forthcoming)
- Ng, K. Y., **Ang, S.**, & Van Dyne, L. (2008). Beyond international experience: The strategic role of cultural intelligence for executive selection of international human resource management. In P. R. Sparrow (Ed.), *Handbook of international human resource research: Integrating people, process, and context*. Oxford: Blackwell. (forthcoming)
- Van Dyne, L., & **Ang, S.** (2008). In M. A. Moodian (Ed.), *Cultural intelligence. Contemporary leadership and intercultural competence*. Thousand Oaks, CA: Sage. (forthcoming)
- Koh, Christine, Damien Joseph** and Soon Ang. (2008). "Cultural intelligence and the global Information Technology workforce," submitted for publication in Hossein Bidgoli (Ed.) *Handbook of Technology Management*, John Wiley & Sons, Inc.
- M. Lynne Markus, **Soh Wai Lin, Christina**, 2008, Structural Influences on Global E-Commerce Activity, *Advanced Topics in Global Information Management*, Idea Group Publishing.
- Ng, Kok Yee and **Christine Koh**. (2008). "The heart of the servant leader: Leader's motivation-to-serve and its impact on LMX and subordinates' extra-role behaviors," in G.B. Graen and J.A. Graen (Eds.), *Knowledge Driven Corporation: A Discontinuous Model. LMX Leadership: The Series*. Vol. VI. Charlotte, NC: Information Age Publishing Inc. (forthcoming).
- Van Dyne, Linn, **Soon Ang** and **Christine Koh**. (2008). "Cultural Intelligence: Measurement and scale development", in Moodian, M.A. (Ed.), *Contemporary Leadership and Intercultural Competence: Exploring the Cross-Cultural Dynamics Within Organizations*, Sage Publications.
- Van Dyne, Linn, **Soon Ang** and **Christine Koh**. (2008). "Development and validation of the CQS - Cultural Intelligence Scale", in Soon Ang and Linn Van-Dyne (Eds.), *Handbook of Cultural Intelligence: Theory, Measurement and Applications*, M.E. Sharpe, pp.16-38.

4. EDITORIAL APPOINTMENTS

A) Journals

Ang Soon:

- **Senior Editor**, *MIS Quarterly*, 2009 -
- **Senior Editor**, *Information Systems Research*, 2005 – 2008
- **Associate Editor**, *Management Science*, 2002-Present
- **Associate Editor**, *Decision Sciences*, 2005-Present
- **Consulting Editor**, *Management and Organization Review*, 2008-2010.
- **Editorial Board**, *Leadership*, 2008-; *Journal of World Business*, 2008-; *Organization Science*, 2004-Present; *Journal of Organizational Behavior*, 1999-Present; *Cornell Quarterly*, 2004 – Present; *Applied Psychology: An International Review*, 2006-Present; *Group, Organization, & Management*, 1998-2002; *International Human Resource Management Review*, 2007-Present

Boh Wai Fong:

- **Associate Editor**, *Information Systems Research* 2009-2012
- **Editorial Board**, *Organization Science*

Michael Li:

- **Editorial Board**, *International Journal of Revenue Management*
- **Editorial Board** *The Open Transportation Journal*

Christina Soh:

- **Editorial board**, *Journal of Strategic Information Systems* (2001 – present)
- **Editorial board**, *Information and Organization* (2002 – present)

S. Viswanathan:

- **Editorial Board**, *International Journal of Production Research*, 2009-2012.
- **Editorial Review Board**, *Production and Operations Management*, since 2002
- **Associate Editor**, *IEEE Transactions on Automation Science and Engineering*, 2005-2008
- **Special Issues Editor** (from 2008) & **Associate Editor**, *Asia Pacific Journal of Operational Research*, since 2005
- **Editorial Board**, *International Journal of Services & Operations Management*, since 2004

Tung Lai Lai:

- **Associate Editor**, *e-Service Journal*, 2001-2008
- **Member of editorial review board**, *Journal of Global Information Management*, 2001-2008

Wang Qinan: Associate Editor, *the Canadian Journal of Administrative Sciences*, since 2006

B) Conferences and Special Issues

Amit Das: Associate Editor for *ICIS 2008*, Paris

Boh Wai Fong:

- *PACIS 2008 Track Chair for Knowledge Management Track*
- *ICIS 2008 Associate Editor for Organization Theory, Strategy and IS Track, and Panel Track*
- *AoM 2008 Associate Editor for OCIS Division*

Cecil Chua:

- **Associate Editor** for *IT and Human Behavior track* at *ICIS 2008*.
- **Track chair** for *technical track* at *ICMB 2008*

Damien Joseph: Program Co-Chair, Association for Computing Machinery *SIGMIS-CPR 2009* Conference, May 23-25, Limerick, Ireland.

Goh Kim Huat:

- **Editorial Board**, *Journal of Management Information System (Special Issue) 2008*
- **Editorial Board**, *International Journal of Electronic Commerce (Special Issue) 2008*

Sia Siew Kien: Associate Editor, *Breakthrough Ideas in Information Systems Track*, 11th International Conference of Information Systems, Paris, France (2008)

5. AWARDS AND HONOURS

- **Wai Fong** “Mechanisms for sharing knowledge in project-based organizations” has been selected by the Senior Scholar Best Publication Committee as one of the five best Information Systems (IS) papers published in 2007.
- **Cecil Chua**. "Teaching Effective Screen Development. The Simple, 1:1 and 1:M Lab," Accepted for publication in the Proceedings of the Eighteenth Annual Workshop on Information Technologies and Systems (WITS) in Paris, December 13-14, 2008. **Nominated for best teaching case.**
- **Joseph D, Ang S**, and Slaughter S. Relative Gender Wage Differences and Career Transitions of Female and Male IT Professionals. Proceeding of the *Academy of Management Best Papers (won the Best Interactive Paper Award)*, Anaheim, California, August 8-13, 2008.
- **Damien Joseph**: **Finalist for the Magid Igbaria Outstanding Conference Paper of the Year Award 2008**, Association for Computing Machinery SIGMIS-CPR 2008 Conference.
- **Sia Siew Kien**, and **Soh, C**, 2007, “Enabling Severity Assessment of ERP-Organization Misfits: Honing in on Ontological Structure and Context Specificity”, awarded the **Operational Research Society's Stafford Beer Medal – the Best Paper for *European Journal of Information Systems*** in 2007.
- **Soon Ang**: Recognized by the *DSJ* Editorial team for “**Outstanding Decision Science Journal Associate Editor**” for the high quality of her developmental reviews and the academic leadership