

Atreyi Kankanhalli

SOC1, #05-16, School of Computing
National University of Singapore
Lower Kent Ridge Road, Singapore 117541.
Tel: (65) 6516-4865
Email: atreyi@comp.nus.edu.sg
URL: <http://www.comp.nus.edu.sg/~atreyi>

Education

Ph.D. in Information Systems, National University of Singapore.
Thesis Title: Understanding Contribution and Seeking Behavior in Electronic Knowledge Repositories
(winner of ACM SIGMIS Best Doctoral Dissertation Award)

M.S. in Electrical Engineering, Rensselaer Polytechnic Institute, Troy, New York, U.S.A.

B. Tech. in Electrical Engineering, Indian Institute of Technology, New Delhi, India.

Academic Experience

July 2004 - present: Asst. Professor, Dept. of Information Systems, National University of Singapore.

Jan 2004 - June 2004: Visiting Scholar, Haas School of Business, University of California Berkeley

Jan 1999 - Dec 2003: Fellow, Teaching Assistant, Research Assistant, Dept. of Information Systems, National University of Singapore.

Industry Experience

1997 - 1998: Project Consultant, Multimedia Systems Laboratory, Supercomputer Education and Research Centre, Indian Institute of Science, Bangalore, India.

1990 - 1996: R & D Engineer, Institute of Systems Science, Singapore.

Research Interests

Knowledge management, IT-enabled organizational forms, IT in public sector.

Publications

Journal Publications:

1. Ng, B.Y., A. Kankanhalli, and Y. Xu (forthcoming), "Studying users' computer security behavior using the health belief model", *Decision Support Systems*.
2. Sutanto, J., A. Kankanhalli, J.Y. Tay, K.S. Raman, and B.C.Y. Tan (forthcoming), "Change Management in Inter-Organizational Systems for the Public", *Journal of Management Information Systems*.
3. Phang C.W., A. Kankanhalli, and C.Z. Ang (2008), "Investigating Organizational Learning in eGovernment Projects: A Multi-Theoretic Approach", *Journal of Strategic Information Systems*, 17(2), 99-123.
4. Phang, C.W., and A. Kankanhalli (forthcoming), "A Framework of ICT Exploitation for E-Participation Initiatives", *Communications of ACM*.

5. Pillai, B.P., A. Kankanhalli, and K.S. Raman (2008), "Development of IT Clusters: A Study of Silicon Valley and Bangalore", *CSI Communications*, 32(2), 27-31.
6. Pee, L.G., I.M.Y. Woon, and A. Kankanhalli (2008), "Explaining Non-Work-Related Computing in the Workplace: A Comparison of Alternative Models", *Information and Management*, 45(2), 120-130.
7. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2007), "Conflict and Performance in Global Virtual Teams", *Journal of Management Information Systems*, 23(3), 237-274.
8. Woon, I.M.Y., and A. Kankanhalli (2007), "Investigation of IS Professionals' Intention to Practise Secure Development of Applications", *International Journal of Human Computer Studies*, 65(1), 29-41.
9. Phang, C.W., J. Sutanto, A. Kankanhalli, L. Yan, B.C.Y. Tan, and H.H. Teo (2006), "Senior Citizens' Acceptance of Information Systems: A Study in the Context of E-Government Services", *IEEE Transactions on Engineering Management*, 53(4), 555-569.
10. Bock, G.W., A. Kankanhalli, and S. Sharma (2006), "Are Norms Enough?: The Role of Collaborative Norms in Promoting Organizational Knowledge Seeking", *European Journal of Information Systems*, 15(4), 357-367.
11. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2005), "Understanding Seeking from Electronic Knowledge Repositories: An Empirical Study", *Journal of the American Society for Information Science and Technology*, 56(11), 1156-1166.
12. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2005), "Contributing Knowledge to Electronic Knowledge Repositories: An Empirical Investigation", *MIS Quarterly*, 29(1), 113-143.
13. Kankanhalli, A., and B.C.Y. Tan (2005), "Knowledge Management Metrics: A Review and Directions for Future Research", *International Journal of Knowledge Management*, 1(2), 20-32.
14. Kankanhalli, A., B.C.Y. Tan, K.K. Wei, and M.C. Holmes (2004), "Cross-cultural Differences and Information Systems Developer Values", *Decision Support Systems*, 38(2), 183-195.
15. Kankanhalli, A., H.H. Teo, B.C.Y. Tan and K.K. Wei (2003), "An Integrative Study of Information Systems Security Effectiveness", *International Journal of Information Management*, 23(2), 139-154.
16. Kankanhalli, A., F. Tanudidjaja, J. Sutanto, and B.C.Y. Tan (2003), "Role of Information Technology in Successful Knowledge Management Initiatives", *Communications of ACM*, 46(9), 69-73.
17. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2002), "Managing Knowledge Workers: A Technological Perspective", *Journal of Information and Knowledge Management*, 1(1), 1-9.
18. Lee, C.M., and A. Kankanhalli (1995), "Automatic Extraction of Characters in Complex Scene Images", *International Journal of Pattern Recognition and Artificial Intelligence*, 9(1), 67-82.
19. Zhang, H.J., A. Kankanhalli, and S.W. Smoliar (1993), "Automatic Partitioning of Full-Motion Video", *Multimedia Systems*, ACM-Springer, 1(1), 10-28. This work has been acknowledged as pioneering research in the area of video processing and multimedia systems

Conference Publications and Presentations (underlined):

1. Tham, G.Z.C., L.G. Pee, A. Kankanhalli, and G.W. Tan (2008), "Turnover in Information Systems Development Projects: Managing Forgetting", *Pacific Asia Conference on Information Systems*, Suzhou, China.

2. Phang, C.W., and A.Kankanhalli (2008), "E-Participation Research: Current State and Future Directions", *pre-ECIS Workshop on Egov Research*, Galway, Ireland.
3. Ng, B.Y., and A. Kankanhalli (2008), "Processing Information Security Messages: An Elaboration Likelihood Perspective", *Proc. European Conference on Information Systems*, Galway, Ireland.
4. Dutta, A., A. Kankanhalli, and R. Roy (2007), "The Dynamics of Sustainability of Electronic Knowledge Repositories", *Proc. International Conference on Information Systems*, Montreal.
5. Phang, C.W., A. Kankanhalli, Z. Chua, and K.Y. Goh (2007), "Investigating Participation in Online Policy Discussion Forums over Time: Does Network Structure Matter?", *Proc. International Conference on Information Systems*, Montreal.
6. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2007), "Business-IT Knowledge Integration in Offshore Software Requirement Analysis", *International Conference on Knowledge Management*, Vienna.
7. Pee, L.G., A. Kankanhalli, and T. Ravichandran (2007), "Knowledge Transfer between External IT Consultants and Business Professionals in IS Development - Impact of Social Interdependence", *Pacific Asia Conference on Information Systems*, Auckland.
8. Tang, Q., B.Y. Ng, and A. Kankanhalli (2007), "Individuals' Response to Security Messages: A Decision Making Perspective", *International Conference on Decision Support Systems*, AIS SIG-DSS, Kolkata, India.
9. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2006), "Investigating Task Coordination Effectiveness in Global Virtual Teams", *International Symposium of Information Systems*, Hyderabad, India.
10. Sutanto, J., and A. Kankanhalli (2006), "Investigating ICT-Mediated Task Coordination Modes in Global Virtual Teams", *Proc. International Conference on Information Systems*, Milwaukee.
11. Nguyen, T.L., A. Kankanhalli, L.G. Pee, and G.W. Tan (2006), "Managing Organizational Forgetting: Empirical Evidence from an Information Systems Implementation", *Organizations and Society in Information Systems (OASIS) Workshop*, Milwaukee.
12. Phang, C.W., C.Z. Ang, and A. Kankanhalli (2006), "A Structural Analysis of IT-induced Organizational Change in a Public Organization", *OCIS Division, Academy of Management*, Atlanta.
13. Phang, C.W., and A. Kankanhalli (2006), "Engaging Youths via E-Participation Initiatives: An Investigation in the Context of Online Policy Discussion Forum", *IFIP 8.2 Working Conference on Social Inclusion*, Ireland.
14. Pee, L.G., H.Y. Teah, and A. Kankanhalli (2006), "Development and Application of a General Knowledge Management Maturity Model", *Pacific Asia Conference on Information Systems*, Kuala Lumpur.
15. Phang, C.W., and A. Kankanhalli (2006), "Motivations for Individual's E-Participation", *Workshop on Understanding eParticipation at International Conference on Digital Government Research*, San Diego.
16. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2005), "Assessing and Resolving Suboptimal Outcomes in Global Virtual Team Task Coordination", *First International Conference on Management of Globally Distributed Work*, Bangalore.
17. Phang, C.W., and A. Kankanhalli (2005), "Organizational Culture, Learning, Politics, and Institutions: A Structural Framework of IT-Induced Organizational Change", *Proc. International Conference on Information Systems*, Las Vegas.

18. Sutanto, J., Kankanhalli, A., and B.C.Y. Tan (2005), "Task Coordination in Global Virtual Teams: A Study in the Context of Software Development", *Organizations and Society in Information Systems (OASIS) Workshop*, Las Vegas.
19. Lim, C.Y., A. Kankanhalli, and L. Land (2005), "Investigating Knowledge Reuse in IS Development: An Empirical Study in the Singapore context", *IS/IT in Asia Pacific Conference*, Las Vegas.
20. Phang, C.W., and A. Kankanhalli (2005), "A Research Framework for Citizen Participation via E-Consultation", *Americas Conference on Information Systems*, Omaha, NE.
21. Ong, A., G.W. Tan, and A. Kankanhalli (2005), "Team Expertise and Performance in Information Systems Development Projects", *Pacific Asia Conference on Information Systems*, Bangkok.
22. Chen, T., I.M.Y. Woon, and A. Kankanhalli (2005), "Impact of Security Measures on the Usefulness of Knowledge Management Systems", *Pacific Asia Conference on Information Systems*, Bangkok.
23. Rangamani, B., J.E. Fountain, S.L. Pan, H.W. Kim, K.S. Raman, and A. Kankanhalli (2005), "Structurational Analysis of e-Government (a Case from Andhra Pradesh in India)", *International Conference on e-Government*, Ottawa.
24. Phang, C.W., J. Sutanto, L. Yan, and A. Kankanhalli (2005), "Senior Citizens' Adoption of E-Government: In Quest for the Antecedents of Perceived Usefulness", *Hawaii International Conference on Systems Sciences*, Hawaii.
25. Sutanto, J., C.W. Phang, K.H. Huang, A. Kankanhalli, B.C.Y. Tan (2005), "Role Coordination in Global Virtual Teams", *Hawaii International Conference on Systems Sciences*, Hawaii.
26. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2004), "Task Coordination in Global Virtual Teams", *Proc. International Conference on Information Systems*, Washington D.C.
27. Lim, C.Y., A. Kankanhalli, and K.S. Raman (2004), "A Framework for Knowledge Reuse Success", *International Conference on Knowledge Management*, Singapore.
28. Tang, C., A. Kankanhalli, and B.C.Y. Tan (2004), "Evaluation of Electronic Knowledge Repositories", *Pacific Asia Conference on Information Systems*, Shanghai.
29. Basu, C., M.C. Holmes, B.C.Y. Tan, A. Kankanhalli, and K.K. Wei (2004), "A Proposed Framework for Cross-Cultural Differences and the Values of Information Systems Professionals", *Global Information Technology Management World Conference*, San Diego.
30. Sutanto, J., Phang, C. W., Kankanhalli, A., and Tan, B. C. Y. (2004), "Towards a Process Model of Media Usage in Global Virtual Teams", *European Conference on Information Systems*, Turku, Finland.
31. Raman K.S., A. Kankanhalli, and S. Venkataraju (2004), "Computer Assisted Learning Centers (CALC) in the Indian State of Karnataka", *Attaining the Millennium Goals in India: The Role of Public Policy and Service Delivery*, World Bank Conference, Delhi.
32. Sutanto, J., A. Kankanhalli, and Tan, B.C.Y. (2004), "A Conceptual Framework for Coordination in Global Virtual Teams", *Information Resources Management Association International Conference*, New Orleans, U.S.A.
33. Kankanhalli, A. and B.C.Y. Tan (2004), "A Review of Metrics for Knowledge Management Systems and Knowledge Management Initiatives", *Hawaii International Conference on Systems Sciences*, Hawaii.

34. Venkataraju, S., A. Kankanhalli, and K.S. Raman (2003), "Building the Digital Bridge: A Longitudinal Study of Community Learning Centres", *Proc. International Conference on Information Systems*, Seattle.
35. Woon, I. and A. Kankanhalli (2003), "Measures for Maximizing Information Systems Security in Organizations", *Proc. Workshop on Information Technology and Systems*, Seattle.
36. Tanudidjaja, F., A. Kankanhalli, and B.C.Y. Tan (2003), "Knowledge Integration in Global Virtual Teams", *Proc. Pacific Asia Conference on Information Systems*, Adelaide.
37. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2001), "Seeking Knowledge in Electronic Knowledge Repositories: An Exploratory Study", *Proc. Twenty-Second International Conference on Information Systems*, New Orleans.
38. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2001), "Seeking Knowledge in Electronic Knowledge Repositories", *ELab @ Insead Research Conference on Management in the Information Economy*, Singapore.
39. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2000), "Technology, Culture, and Conflict in Virtual Teams: A Case Study", *Proc. Eleventh Australasian Conference on Information Systems*, Brisbane. (Best Paper Nominee)
40. Wu, J.K., A. Kankanhalli, Y. Li, Z. Dong, and W. Zhang (1997), "NeuroVec: A Novel Map Digitization Technique", *Proc. MINDEF-NUS Joint R&D Seminar*.
41. Zhang, H.J., S.W. Smoliar, J. H. Wu, C. Y. Low, and A. Kankanhalli (1994), "A Video Database System for Digital Libraries", *Proc. Workshop on Digital Libraries: Current Issues*, Newark.
42. Kankanhalli, A., H.J. Zhang, and C.Y. Low (1994), "Using Texture for Image Retrieval", *Proc. International Conference on Automation, Robotics, and Computer Vision*, Singapore.
43. Zhang, H.J., Y. Gong, D. Patterson, and A. Kankanhalli (1994), "Moving Object Detection, Tracking and Recognition", *Proc. International Conference on Automation, Robotics, and Computer Vision*, Singapore.
44. Zhang, H.J., A. Kankanhalli, and S.W. Smoliar (1993), "Automated Temporal Segmentation of Video Sequences", *Proc. IEEE Workshop on Visual Signal Processing and Communications*, Melbourne, 191-194.
45. Zhang, H.J., A. Kankanhalli, and S.W. Smoliar (1993), "Automatic Video Partitioning and Indexing", invited paper, *Proc. IFAC World Congress*, Sydney, 209-212.
46. Ruan, L.Q., S.W. Smoliar, and A. Kankanhalli (1992), "An Analysis of Low-resolution Segmentation Techniques for Animate Video", *Proc. International Conference on Automation, Robotics, and Computer Vision*, Singapore, 1:CV, 16.3.1-16.3.5.
47. Chakraverti, A., and M.J. Chung (1988), "Routing Algorithm for Gate Array Macro Cells", *Proc. ACM/IEEE Design Automation Conference*, Anaheim, CA, 658-662.

Books:

- *ICT and Our Society* (2nd ed.), McGraw-Hill, Singapore, 2004. (with Yeo, G.K., Oh, L.B., Koh, C.H. and Santosa, P.I.)

Book Chapters:

1. Phang C.W., and A. Kankanhalli (forthcoming), "Emerging IT Infrastructures for E-Government: A Status Report on South Korea, Japan, Singapore, and China", *Electronic Government: Information, Technology, and Transformation in the Advances in Management Information Systems*
2. Phang, C.W., and A. Kankanhalli (2008), "Current State and Future of E-Participation Research" in *Handbook of Research on Public Information Technology*, G.D. Garson and M. Khosrow-Pour (Eds.), Idea Group, Hershey, PA.
3. Lee, M.S., Sutanto, J., Kankanhalli, A. and Tan, B.C.Y. (2008) "Virtual Community Models in Relation to E-Business Models: Creating Value", in *Electronic Commerce: Concepts, Methodologies, Tools, and Applications*, S.A. Becker (Ed.), Idea Group Inc., Hershey, PA.
4. Kankanhalli, A., and B.C.Y. Tan (2008), "Knowledge Management Metrics: A Review and Directions for Future Research", in *Knowledge Management: Concepts, Methodologies, Tools, and Applications*, M. Jennex (Ed.), Idea Group Inc., Hershey, PA.
5. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2008) "Knowledge Producers and Consumers", in *Knowledge Management: Concepts, Methodologies, Tools, and Applications*, M. Jennex (Ed.), Idea Group Inc., Hershey, PA.
6. Pee, L.G., and A. Kankanhalli (2007) "Development of Knowledge Management Capability in an Institution of Higher Learning in Singapore", in *Knowledge Management: Singapore Perspectives*, S.N. Kan (Ed.), iKMS, Singapore.
7. Kankanhalli, A., L.G. Pee, and B.C.Y. Tan (2007), "Evaluation of Knowledge Management: A Review and Agenda for Future Research", in *Knowledge Management in Modern Organizations*, M.E. Jennex (Ed), Idea Group Inc., Hershey, PA.
8. Kankanhalli, A., B.C.Y. Tan, and K.K. Wei (2007), "Communication Media and Knowledge Sharing in Global Virtual Teams", in *Global Entrepreneurship: Local Innovations and Value Creation*, R.A. Ajami and M.M. Bear (Eds.), Haworth Press: Binghamton, NY.
9. Phang, C.W., and A. Kankanhalli (2007), "Success Factors for Electronic Tax Filing in Singapore", in *E-Taxation: State and Perspectives*, J. Makolm and G. Orthofer (Eds.), Institute of Informatics in Business and Government, Linz, Austria.
10. Tang, Q., B.Y. Ng, and A. Kankanhalli (2007), "Individuals' Response to Security Messages: A Decision Making Perspective", in *Decision Support for Global Enterprises*, U. Kulkarni and D. Power (eds.), Springer.
11. Phang, C.W., and A. Kankanhalli (2006), "Promoting Citizen Participation via Digital Government", in *Encyclopedia of Digital Government*, A. Anttiroiko and M. Mälkiä (Eds.), Idea Group Inc., Hershey, PA.
12. Sutanto, J., Phang, C.W., Kankanhalli, A., and B.C.Y. Tan (2006) "Towards a Process Model of Media Usage in Global Virtual Teams", in *Collaborating Virtually: Concepts & Applications*, ICFAI University Press, Hyderabad, India.
13. Lee, M.S., Sutanto, J., Kankanhalli, A. and Tan, B.C.Y. (2005) "Converting Online Community Visitors into Online Consumers", in *Encyclopedia of Virtual Communities and Technologies*, S. Gupta (Ed.), Idea Group Inc., Hershey, PA.
14. Zhang, H.J., A. Kankanhalli, and S.W. Smoliar (1995), "Automatic Partitioning of Full-Motion Video", in *A Guided Tour to Multimedia Systems and Applications*, IEEE Computer Society Press.

15. Zhang, H.J., S.W. Smoliar, J. H. Wu, C. Y. Low, and A. Kankanhalli (1994), "A Video Database System for Digital Libraries", in *Advance in Digital Libraries*, Lecture Notes in Computer Science, Springer-Verlag.

Working papers:

1. Pee, L.G., and A. Kankanhalli, "Understanding the Drivers, Enablers, and Performance of Knowledge Management in Public Organizations", submitted to ICEGOV.
2. Sutanto, J., A. Kankanhalli, L. Peng, and B.C.Y. Tan, "The Effects of OSS Community Network Configuration on OSS Success", preparing for submission
3. Pee, L.G., A. Kankanhalli, H.W. Kim and H.S. Kok, "Examining Knowledge Sharing in Information System Development Projects: A Social Interdependence Perspective", preparing for submission
4. Pee, L.G., A. Kankanhalli, and V.C.Y. On Show, "Bridging the Digital Divide: Use of Public Internet Kiosks in Mauritius", under first review JGIM.
5. Kankanhalli, A., O.K. Lee, and K. Lim, "Knowledge Reuse and Knowledge Repository Success: An Empirical Study in the Context of Customer Service Support", under first review JAIS.
6. Kankanhalli, A., L.G. Pee, and G.W. Tan, "Learning Effectiveness in an Academic IT Research Context", under first review IEEE Transactions on Engineering Management.
7. Phang, C.W., A. Kankanhalli, and R. Sabherwal, "Usability and Sociability in Electronic Communities of Practice: A Comparative Study of Knowledge Seekers and Contributors", under second review JAIS.
8. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan, "Designing Task Coordination Portfolios in Global Virtual Teams", under first review Management Science.
9. Phang, C.W., A. Kankanhalli, K. Ramakrishnan, and K.S. Raman, "Exploring Product & Demographic Differences across Online Store Visit Strategies", under first review I&M.
10. Xu, Y., H.W. Kim, and A. Kankanhalli, "Investigating Task and Social Information Seeking: An Interactional Communication Perspective", under first review AMJ.
11. Kim, H.W., and A. Kankanhalli, "Investigating User Resistance to Information Systems Implementation: A Status Quo Perspective", under second review MISQ.
12. L.G. Pee, and A. Kankanhalli, "A Model of Organizational Knowledge Management Maturity based on People, Process, and Technology", under first review Expert Systems and Applications.
13. Kim, H.W., H.C. Chan, and A. Kankanhalli, "Why Do People Pay for Digital Items? The Need for Online Identity Presentation in a Virtual Community", under first review Information Systems Research.

Invited Presentations

1. "Enabling KM in Large Decentralized Organizations: A Case Study of an Institution of Higher Learning", KMTalk.net, Malaysia, 2008
2. "Doing a Ph.D.: Why, How, and What Happens After?", School of Computing, NUS, Singapore, 2008
3. "Building KM Capabilities Across a University", KM Singapore Fourth Annual iKMS Practitioner's Conference, 2007

4. "Global Virtual Team Case Study", Institute of Systems Science, Singapore, 2007.
5. "IS in China", *Pacific Asia Conference on Information Systems*, Kuala Lumpur, 2006.
6. "The Singapore E-Government Context", *International Conference on Digital Government Research*, San Diego, 2006.
7. "Development of a General Knowledge Management Maturity Model", *Korean Knowledge Management Society Conference*, Seoul, 2006.
8. "Categorising Unstructured Information", *Ark Group Workshop on Identifying and Managing Unstructured Information*, Singapore, 2006.

Research Grants

- 2008 Principal Investigator, Fostering Knowledge Sharing in Virtual Teams and Communities (Bosch: \$171,256)
- 2008 Principal Investigator, Role of Information and Communication Technologies in Governance (MOE: \$181,600)
- 2006 Principal Investigator, Knowledge management and IT implementation in public sector (NUS: \$37,379)
- 2004 Principal Investigator, Knowledge management systems and applications (NUS: \$41,666)

Teaching

Courses:

1. Service Systems
2. Electronic Government
3. Information Organization
4. Computing and Society
5. Information Systems: Theory and Practice
6. Introduction to Computing
7. Telecommunications for Business

Teaching Cases and Materials:

1. IT For Quality Healthcare: The Case of Vital Signs Monitoring Systems Use (SGH and CGH)
2. "To Debate or Not to Debate: Facilitating Active Learning in a Postgraduate Information Systems Module", *CDTLink*, 11(3), Nov 2007.
3. Information and Communications Technology for Critical Event Management: The Singapore 2006 Project (Infocomm Development Authority)
4. A Structural Analysis of IT-induced Organizational Change in a Public Organization (National Library Board)
5. Change Management in Complex Inter-Organizational and Public Systems (EzLink, Land Transport Authority)

6. Computer Assisted Learning Centers (CALC) in the Indian State of Karnataka (Azim Premji Foundation)
7. "Trust, Controls, and Information Systems Security" in *Readings and Cases in the Management of Information Security*, M.E. Whitman & H.J. Mattord (Eds.), Course Technology, Thomson Learning. (with I. Woon)

Consulting projects / Industry Partners

- Knowledge Sharing in Virtual Teams and Communities, Bosch, SEA
- Infocomm Development Authority
 - IT For Quality Healthcare
 - Emerging Infrastructures & Technologies for e-Government
 - IPv6 Current State and Future Developments
- Virtual Team Studies with Standard Chartered, Barclays Capital.
- Knowledge management studies with industry partners AStar, CSC, Citibank, DSTA, Exxon Mobil, ITE, JTC, NLB, SCS, SPS.
- Electronic Government studies with CPF e-Withdrawal, EZ Link (LTA, SBS, TIBS, and SMRT), Feedback Unit.
- World Bank as part of the Millennium Development Goals on the Community Learning Center (CLC) initiative in Karnataka, India

Professional Service

- Membership (Professional Association)
 - AIS Member
 - Member of iKMS committee on KM Standards
 - Member ICKM Council
- Grant Agency and Book Publisher
 - External Reviewer, Hong Kong Research Grants Council
 - External Reviewer, Canada Research Grants Council
 - Editorial Advisory Board, Encyclopedia of Knowledge Management (2nd ed), IGI Global.
- Journal

Editorial Board:

- IEEE Transactions on Engineering Management <http://andromeda.rutgers.edu/~ieeetem/>
- Information and Management http://www.elsevier.com/wps/find/journaldescription.cws_home/505553/description#description
- International Journal of Knowledge Management <http://www.idea-group.com/journals/details.asp?id=4288>

- Journal of Global Information Management <http://www.idea-group.com/journals/details.asp?id=99>
- Journal of Information and Knowledge Management <http://www.worldscinet.com/jikm/jikm.shtml>
- Journal of Information Privacy and Security <http://academics.uww.edu/business/gbrc/jips/>

Reviewer:

- Communications of ACM
- Decision Support Systems
- IEEE Transactions on Engineering Management
- Information & Management
- Information Systems Research
- Journal of the Association for Information Systems
- Journal of Global Information Management
- Journal of Management Information Systems
- Management Science
- MIS Quarterly
- Omega

- Conference

Associate Editor:

- International Conference on Information Systems (ICIS) 2006, 2007, 2008

Doctoral Consortium Faculty:

- Pacific Asia Conference on Information Systems (PACIS) 2006

Track Chair:

- Pacific Asia Conference on Information Systems (PACIS) 2006, Electronic Government Track

Program Committee:

- International Conference on Electronic Governance (ICEGOV) 2008
- International Conference on Electronic Commerce (ICEC) 2008
- IEEE/ACM International Conference on Information and Communication Technologies and Development (ICTD) 2007
- International Conference on Knowledge Management (ICKM) 2004, 2005, 2006, 2007, 2008
- IEEE Innovations in Information Technology Conference 2006
- First International Conference on Management of Globally Distributed Work (GDW) 2005
- Pacific Asia Conference on Information Systems (PACIS) 2004, 2005

- Information Resource Management Association Conference (IRMA) 2005
- First Knowledge Management Conference in Asia Pacific (KMAP) 2004

Reviewer

- ACM SIGGroup2001
- ICIS (2001, 2003, 2004, 2005)
- HICSS (2005, 2006)

University Service

- Area Leader, Virtual Teams and Communities
- Doctoral Qualifying Exam Coordinator
- Member Graduate Studies Committee
- Member Discretionary Admissions Interview Board
- Member School of Computing Annual Research Report Editorial Board
- Member School of Computing Strategy Review Task Force

Awards

- Fast breaking paper in the field of Economics and Business, Feb 2007, Thomson ESI Essential Science Indicators
- Honorable mention (Runner-up) for Reviewer of the Year Award, MIS Quarterly 2005
- ACM SIGMIS Best Doctoral Dissertation Award at ICIS 2003.
- IDA Gold Medal and Prize for Best Thesis, 2003, School of Computing, National University of Singapore
- President's Graduate Fellowship 2002-2003, National University of Singapore.
- Dean's Graduate Award 2002, School of Computing, National University of Singapore.
- ICIS Doctoral Consortium Participant 2000, Brisbane, Australia.
- Rajiv Bambawale Award for Best B.Tech. Project in the Electrical Engineering Department, IIT, New Delhi, 1986.
- Merit Certificate under National Scholarships Scheme for performance in C.B.S.E. Class X Examination, 1980.

Media Mentions

- Article featured in ACM TechNews, Volume 7, Issue 844, September 21, 2005
"Understanding Seeking From Electronic Knowledge Repositories: A Empirical Study", Journal of the American Society for Information Science and Technology (2005) Vol. 56, No. 11, p. 1156; Kankanhalli, Atreyi; Tan, Bernard C.Y.; Wei, Kwok-Kee
- Leveraging on Knowledge, Knowledge Enterprise, April 2004.

- NUS Student Bags Prestigious Award, Straits Times, March 8, 2004.

Students

Current students:

- Juliana Sutanto (Ph.D.) Task Coordination in Global Virtual Teams [co-supervised with B.C.Y. Tan]
- David Phang Chee Wei (Ph.D.) Individual Participation in Virtual Communities for E-consultation
- Pee Loo Geok (Ph.D.) Knowledge Management Capability and Outcomes
- Ng Boon Yuen (Ph.D.) Knowledge Management in Health Care

Past students:

- Surya Ramkumar (M.Comp.) - Citibank
- Fransiska Tanudidjaja (M.S.) - Accenture

Thesis Committee:

- Khet Khet Oo Tha (M.S.)
- Faezah Karimi (M.S.)
- Melvyn Kuan (Ph.D.)
- Ng Ee Hong (Ph.D.)
- Sumeet Gupta (Ph.D.)
- Ravishankar Mayasandra Nagaraj (Ph.D.)
- Mamata Bhandar (Ph.D.)
- Suparna Goswami (Ph.D.)
- Wang Chenyu (M.S.)
- Brojo Pillai (M.S.)