

Atreyi Kankanhalli

Provost's Chair Professor, Dept. of Information Systems and Analytics

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EDUCATION

- PhD** Information Systems, National University of Singapore (NUS)
Thesis title: Understanding Contribution and Seeking Behavior in Electronic Knowledge Repositories (winner of ACM SIGMIS Best Doctoral Dissertation Award)
- MS** Electrical Engineering, Rensselaer Polytechnic Institute
- BTech** Electrical Engineering, Indian Institute of Technology (IIT) Delhi

EXPERIENCE

Provost's Chair Professor, Dept. of Information Systems and Analytics, NUS	2020 -
Professor, Dept. of Information Systems and Analytics	2016 -
Visiting Professor, ESSEC Business School	2018 - 2019
Associate Professor, Dept. of Information Systems, NUS	2010 - 2016
Faculty Affiliate, Centre for Health Informatics, NUS	2016 -
Visiting Scholar, ISIG group, London School of Economics	2013
Assistant Professor, Dept. of Information Systems, NUS	2004 – 2009
Visiting Scholar, Haas School of Business, University of California Berkeley	2004
Fellow, Teaching Assistant, Research Assistant, Dept. of Information Systems, NUS	1999 – 2003
Project Consultant, Multimedia Systems Laboratory, Indian Institute of Science	1997 - 1998
Software Engineer, Institute of Systems Science	1990 - 1996

RESEARCH INTERESTS

- Online Communities and Digital Collaboration
- Man-Machine Collaboration
- Digital Transformation and Innovation (particularly in Government and Healthcare sectors)
- IT Policy and Governance

<https://scholar.google.com.sg/citations?user=7BS9rX8AAAAJ&hl=en>

HONORS AND AWARDS

- ICIS 2020 Kauffmann Best Student Paper Award
Asadullah, A., Faik, I., and Kankanhalli, A. (2020) "Can Digital Platforms help SMEs Develop Organizational Capabilities? A Qualitative Field Study", *International Conference on Information Systems*, Hyderabad – virtual
- Indian Institute of Management Calcutta Alumni Association Best Publication Award 2020 for:

Bhattacharyya, S., Banerjee, S., Bose, I., and Kankanhalli, A. (2020) "Temporal Effects of Repeated Recognition and Lack of Recognition on Online Community Contributions", *Journal of Management Information Systems*, 37(2), 536-562.

- MIS Quarterly Senior Editor – Kudos, 2019
- AIS Distinguished Member – Cum Laude, 2019
- Eminent Scholar, Indian Institute of Management (IIM) Bangalore, 2019
- Most Frequent Appearing Authors in the 11 High-impact IS Journals: 1977-2014 (Rank 108)
Most Frequent Appearing Authors in the 11 High-impact IS Journals: 2005-2014 (Rank 25)
Most Frequent Appearing Authors in the Three Elite IS Journals: 2005-2014 (Rank 81)
<http://aisel.aisnet.org/cais/vol40/iss1/4>
- Best Reviewer Award, International Conference on Theory and Practice of Electronic Governance. ICEGOV 2014
- International Journal of e-Collaboration, Best Paper Award 2012
- IBM Smarter Planet Industry Skills Innovation Awards, 2010 (USD 10,000)
- IBM Faculty Award, 2010 (USD 40,000)
- Best Paper Award, Pacific Asia Conference on Information Systems, PACIS 2010
- 7th Most Cited Paper in IS Research since 2004:
Kankanhalli, A., Tan, B. C., & Wei, K. K. (2005). Contributing knowledge to electronic knowledge repositories: an empirical investigation. *MIS Quarterly*, 113-143.
<http://repository.usfca.edu/cgi/viewcontent.cgi?article=1032&context=esib>
- Listed among Top 100 IS Researchers around the World, <https://www.aisresearchrankings.org/> from 2009 onwards.
- Leading Researchers in the Pacific Asia Region, 2003-2007
<https://aisel.aisnet.org/pajais/vol11/iss1/7/>
- Best Paper Nominee, Pacific Asia Conference on Information Systems, PACIS 2008
- Fast breaking paper in the field of Economics and Business, Feb 2007, Thomson ESI Essential Science Indicators
Kankanhalli, A., Tan, B. C., & Wei, K. K. (2005). Contributing knowledge to electronic knowledge repositories: an empirical investigation. *MIS Quarterly*, 113-143.
- 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 Delhi, 1986.

Journal Publications

1. Loebbecke, C., El Sawy, O., Kankanhalli, A., Markus, M.L., Te'eni D., Wrobel, S., Ryden, P., and Obeng-Antwi, A. (forthcoming) "Artificial Intelligence Meets IS Researchers: Can It Replace Us?" *Communications of AIS*.
2. Bhattacharyya, S., Banerjee, S., Bose, I., and Kankanhalli, A. (2020) "Temporal Effects of Repeated Recognition and Lack of Recognition on Online Community Contributions", *Journal of Management Information Systems*, 37(2), 536-562.
3. Goyal, S., Ahuja, M., and Kankanhalli, A. (2020) "Does the Source of External Knowledge Matter? Examining the Role of Customer Co-Creation and Partner Sourcing in Knowledge Creation and Innovation", *Information and Management*, 57(6).
4. Ye, H., and Kankanhalli, A. (2020) "Value Co-creation for Service Innovation: Examining the Relationship between Service Innovativeness, Customer Participation, and Mobile App Performance", *Journal of AIS*, 21(2), Article 8.
5. Vu, K.M., Hartley, K., and Kankanhalli, A. (2020) "Predictors of Cloud Computing Adoption: A Cross-Country Study", *Telematics and Informatics*, 52, 101426.
6. Ge, C., Huang, K.W., and Kankanhalli, A. (2020) "Platform Skills and the Value of New Hires in the Software Industry", *Research Policy*, 49(1), 103864.
7. Yang, X., Ma, L., Zhao, X., and Kankanhalli, A. (2019) "Factors Influencing User's Adherence to Physical Activity Applications: A Scoping Literature Review and Future Directions", *International Journal of Medical Informatics*, 134, 104039.
8. Yang, Z., Kankanhalli, A., Ha, S., and Tayi, G. (2019) "What Drives Public Agencies to Participate in Open Data Initiatives? An Innovation Resource Perspective", *Information & Management*, 103179.
9. Klecun, E., Zhou, Y., Kankanhalli, A., Wee, Y.H., and Hibberd, R.E. (2019) "The Dynamics of Institutional Pressures and Stakeholder Behavior in National EHR Implementations: A Tale of Two Countries", *Journal of IT*, 34(4), 292-332.
10. Kankanhalli, A., Charalabidis, Y., and Mellouli, S. (2019) "IoT and AI for Smart Government: A Research Agenda", *Government Information Quarterly*, 36(2), 304-309.
11. Kankanhalli, A., Saxena, M., and Wadhwa, B. (2019) "Combined Interventions for Physical Activity, Sleep and Diet using Smartphone Apps: A Scoping Literature Review", *International Journal of Medical Informatics*, 123:54-67. doi: 10.1016
12. Kankanhalli, A., Shin, J., and Oh, H. (2019) "Mobile-Based Interventions for Dietary Behavior Change and Health Outcomes: A Scoping Review", *JMIR mHealth and uHealth*, 7(1):e11312. doi: 10.2196/11312
13. Ghanvatkar, S., Rajan, V., and Kankanhalli, A. (2019) "User Models for Personalized Physical Activity Interventions: A Scoping Review", *JMIR mHealth and uHealth*, 7(1):e11098. doi: 10.2196/11098.
14. Kim, H.W., Kankanhalli, A., and Lee, S. (2018) "Examining Gifting through Social Network Services: A Social Exchange Theory Perspective", *Information Systems Research*, 29(4), 779-1068.
15. Huang, P., Kankanhalli, A., Kyriakou, H., and Sabherwal, R. (2018) "Knowledge Management," in *MIS Quarterly Research Curations*, Ashley Bush and Arun Rai, Eds., <http://misq.org/research-curations>.
16. Ye, H., and Kankanhalli, A. (2018) "User Service Innovation on Mobile Phone Platforms: Investigating Impacts of Lead Userness, Toolkit Support, and Design Autonomy", *MIS Quarterly*, 42(1), 165-187.
17. Ye, H., and Kankanhalli, A. (2017) "Solvers' Participation in Crowdsourcing Platforms: Examining the Impacts of Trust, and Benefit and Cost Factors", *Journal of Strategic Information Systems*, 26(2), 101-117.
18. Kankanhalli, A., Zhou, Y., Yang, Z., and Lei, J. (2017) "Expectations of Patient-Centred Care: Investigating IS-related and Other Antecedents", *Information and Management*, 54(5), 583-598.
19. Kankanhalli, A., Zuiderwijk, A., and Tayi, G. (2017) "Open Innovation in the Public Sector: A Research Agenda", *Government Information Quarterly*, 34(1), 84-89.

20. Teo, T.S.H., Burton-Jones, A., and Kankanhalli, A. (2016) "Guest Editorial: Special Issue on Papers Presented at Pacis 2015", *Information and Management*, 53(7), 833-834.
21. Kim, H.W., Kankanhalli, A., and Lee, H.L. (2016) "Investigating Decision Factors in Mobile Application Purchase: A Mixed Methods Approach", *Information and Management*, 53(6), 727-739.
22. Li, M., Kankanhalli, A., and Kim, S.H. (2016) "Which Ideas Are More Likely to Be Implemented in Online User Innovation Communities? An Empirical Analysis," *Decision Support Systems*, 84, 28-40.
23. Kankanhalli A., Hahn, J., Tan, S.S.L., and Gao, G. (2016) "Big Data and Analytics in Healthcare: Introduction to the Special Section", *Information Systems Frontiers*, 18(2), 233-235.
24. Pee, L.G., and Kankanhalli, A. (2016) "Interactions among Factors Influencing Knowledge Management in Public-Sector Organizations: A Resource-Based View", *Government Information Quarterly*, 33(1), 188-199.
25. Phang, C.W., Kankanhalli, A., and Tan, B.C.Y. (2015) "What Motivates Contributors versus Lurkers? An Investigation of Online Policy Deliberation Forums", *Information Systems Research*, 26(4), 773-792.
26. Ge, C., Kankanhalli, A., and Huang, K.W. (2015) "Investigating the Determinants of Starting Salary of IT Graduates", *DATABASE*, 46(4), 9-25.
27. Kankanhalli, A., Ye, H., and Teo, H.H. (2015) "Comparing Potential and Actual Innovators: An Empirical Study of Mobile Data Services Innovation", *MIS Quarterly*, 39(3), 667-682.
28. Sutanto, J., Kankanhalli, A., and Tan, B.C.Y. (2015) "Investigating Task Coordination in Globally Dispersed Teams: A Structural Contingency Perspective", *ACM Transactions on Management Information Systems*, 6(2).
29. Yang, Y., Kankanhalli, A., and Chandran, S. (2015) "A Stage Model of Information Technology in Healthcare", *Health and Technology*, 5(1), 1-11.
30. Yang, Z., Kankanhalli, A., Ng, B.Y., and Lim, J.T-Y. (2015) "Examining the Pre-Adoption Stages of Healthcare IT: A Case Study of Vital Signs Monitoring Systems", *Information and Management*, 52(4), 454-467.
31. Ye, H., and Kankanhalli, A. (2015) "Investigating the Antecedents of Organizational Task Crowdsourcing", *Information and Management*, 52(1), 98-110.
32. Phang, C.W., A. Kankanhalli, and L. Huang (2014-15) "Drivers of Quantity and Quality of Participation in Online Policy Deliberation Forums", *Journal of Management Information Systems*, 31(3), 172-212.
33. Pee, L.G., Kankanhalli, A., Tan, G.W., and Tham G.Z.C. (2014) "Mitigating the Impact of Member Turnover in IS Development Projects", *IEEE Transactions on Engineering Management*, 61(4), 702-716.
34. Sutanto, J., Kankanhalli, A., and Tan, B.C.Y. (2014) "Uncovering the Relationship between OSS User Support Networks and OSS Popularity", *Decision Support Systems*, 64, 142-151.
35. Sharma, R., Mithas, S., and A. Kankanhalli (2014) "Transforming Decision-making Processes: A Research Agenda for Understanding the Impact of Business Analytics on Organisations", *European Journal of Information Systems*, 23(4), 433-441. **Guest Editorial.**
36. Ye, H., and A. Kankanhalli (2013), "Exploring Innovation through Open Networks: A Review and Initial Research Questions", *IIM Bangalore Management Review*, 25th Anniversary Volume, 25(2), 69-82, **Invited Paper.**
37. Yang, Z., B.Y. Ng, A. Kankanhalli, and J. Lim (2013), "Analyzing the Enabling Factors of the Organizational Decision to Adopt Healthcare Information Systems", *Decision Support Systems*, 55(3), 764-776.
38. Ye, H., and A. Kankanhalli (2013), "Leveraging Crowdsourcing for Organizational Value Co-Creation", *Communications of AIS*, 33(1), Article 13.
39. Kim, H.W., H.C. Chan, and A. Kankanhalli (2012), "What Motivates People to Purchase Digital Items on Virtual Community Websites? The Desire for Online Self-presentation", *Information Systems Research*, 23(4), 1232-1245.
40. Bok, H.S., A. Kankanhalli, K.S. Raman, and V. Sambamurthy (2012), "Revisiting Media Choice: A

Behavioral Decision-Making Perspective”, *International Journal of e-Collaboration*, 8(3), 19-35, **Best Paper Award**.

41. Kankanhalli, A., L.G. Pee, G.W. Tan, and S. Chhatwal (2012), "Interaction of Individual and Social Antecedents of Learning Effectiveness: A Study in the IT Research Context", *IEEE Transactions on Engineering Management*, 59(1), 115-128
42. Yang, Z., B.Y. Ng, and A. Kankanhalli (2012) "Workarounds in the Use of IS in Healthcare: A Case Study of an Electronic Medication Administration System", *International Journal of Human Computer Studies*, 70(1), 43-65
43. Ng, B.Y., and A. Kankanhalli (2012), "Information Systems for Large-scale Event Management: A Case Study", *Pacific Asia Journal of the Association for Information Systems*, 4(3),
44. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2011), "Eliciting a Sense of Virtual Community among Knowledge Contributors", *ACM Transactions on Management Information Systems*, 2(3), 14.
45. Sutanto, J., A. Kankanhalli, and B.C.Y. Tan (2011), "Deriving IT-Mediated Task Coordination Portfolios for Global Virtual Teams", *IEEE Transactions on Professional Communication*, 54(2), 133-151.
46. Kankanhalli, A., O.K. Lee, and K. Lim (2011), "Knowledge Reuse through Electronic Repositories: A Study in the Context of Customer Service Support", *Information and Management*, 48(2-3), 106-113.
47. Xu, Y., H.W. Kim, and A. Kankanhalli (2011), "Task and Social Information Seeking: Whom Do We Prefer and Whom Do We Approach?" *Journal of Management Information Systems*, 27(3), 211-240.
48. Pee, L.G., A. Kankanhalli, and H.W. Kim (2010), "Knowledge Sharing in IS Development Projects: A Social Interdependence Perspective", *Journal of AIS*, 11(10), 550-575.
49. Phang, C.W., A. Kankanhalli, K. Ramakrishnan, and K.S. Raman (2010), "Customers' Preference of Online Store Visit Strategies: An Investigation of Demographic Variables", *European Journal of Information Systems*, 19, 344-358.
50. Pee, L.G., A. Kankanhalli, and V.C.Y. On Show (2010), "Bridging the Digital Divide: Use of Public Internet Kiosks in Mauritius", *Journal of Global Information Management*, 18(1), 15-38.
51. Phang, C.W., A. Kankanhalli, and R. Sabherwal (2009), "Usability and Sociability in Electronic Communities: A Comparative Study of Knowledge Seekers and Contributors", *Journal of AIS*, 10(10), 721-747. (Top 10 Downloads, AIS Electronic Library 11/30/2009)
52. Kim, H.W., and A. Kankanhalli (2009), "Investigating User Resistance to Information Systems Implementation: A Status Quo Perspective", *MIS Quarterly*, 33(3), 567-582.
53. Pee, L.G., and A. Kankanhalli (2009), "A Model of Organizational Knowledge Management Maturity based on People, Process, and Technology", *Journal of Information and Knowledge Management*, 8(2), 1-21.
54. Ng, B.Y., A. Kankanhalli, and Y. Xu (2009), "Studying users' computer security behavior using the health belief model", *Decision Support Systems*, 46(4), 815-825
55. Sutanto, J., A. Kankanhalli, J.Y. Tay, K.S. Raman, and B.C.Y. Tan (2008-2009), "Change Management in Inter-Organizational Systems for the Public", *Journal of Management Information Systems*, 25(3), 137-178.
56. Phang, C.W., and A. Kankanhalli (2008), "A Framework of ICT Exploitation for E-Participation Initiatives", *Communications of ACM*, 51(12), 128-132.
57. 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.
58. 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.
59. 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.

60. 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.
61. 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.
62. 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.
63. 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.
64. Chan, M., I. M. Y. Woon, and A. Kankanhalli (2005), "Perceptions of Information Security at the Workplace: Linking Information Security Climate to Compliant Behavior", *Journal of Information Privacy and Security*, 1(3).
65. 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.
66. 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.
67. 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.
68. 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.
69. 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.
70. 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.
71. 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.
72. 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.
73. 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 Papers

1. Lai, Y., Kankanhalli, A., and Ong, D.C. (2021) "Human-AI Collaboration in Healthcare: A Review and Research Agenda", *Hawaii International Conference on Systems Science*, Hawaii – virtual.
2. Shin, J., Oh, H., and Kankanhalli, A. (2020) "The Effects of Digital Information Cues on Food Product Choices Across Snack vs. Organic Foods", *KrAIS Post-ICIS Research Workshop* – virtual
3. Sukhwal, P., Kankanhalli, A., and Rajan, V. (2020) "An IoT-based DSS using Vehicle Movement Data for Nature Parks", *International Conference on Information Systems*, Hyderabad – virtual.
4. Asadullah, A., Faik, I., and Kankanhalli, A. (2020) "Can Digital Platforms help SMEs Develop Organizational Capabilities? A Qualitative Field Study", *International Conference on Information Systems*, Hyderabad – virtual, **ICIS 2020 Kauffmann Best Student Paper Award**
5. Lai, Y., Sukhwal, P., and Kankanhalli, A. (2020) "Explanations in Clinical DSS: A Review and Research Agenda", *Pacific Asia Conference on Information Systems*, Dubai
6. Asadullah, A., Kankanhalli, A., and Faik, I. (2020) "Developing the Marketing Capabilities of SMEs: What Role do Multisided Platforms Play?", *Pacific Asia Conference on Information Systems*, Dubai

7. Oh, H., Kim, T., Choi, J.Y., Lim, H., and Kankanhalli, A. (2020) "The Effect of Self-Monitoring on Weight Loss Dynamics: A Functional Data Analysis Approach", *Statistical Challenges in Electronic Commerce Research*, Barcelona.
8. Shin, J., Oh, H., and Kankanhalli, A. (2019) "Effects of Expert- and User-Generated Evaluations on Food Product Choices via a Food Literacy App", *International Conference on Information Systems*, Munich.
9. Xia, Q., Zhao X., Huang, W., and Kankanhalli, A. (2019) "The Effect of "Gender Fit" on Fitness App Engagement," *Pacific Asia Conference on Information Systems*, Xian.
10. Saxena, M., Kankanhalli, A., and Li, Y. (2019) "Predictors of Adherence to Diet App Use," *Pacific Asia Conference on Information Systems*, Xian.
11. Ghanvatkar, S., Rajan, V., and Kankanhalli, A. (2018) "Detecting Temporal Pattern Profiles from Smartphones for User Activity Analysis", *International Conference on Information Systems*, San Francisco.
12. Asadullah, A., Faik, I., and Kankanhalli, A. (2018) "Evolution Mechanisms for Digital Platforms: A Review and Analysis across Platform Types", *International Conference on Information Systems*, San Francisco.
13. Asadullah, A., Faik, I., and Kankanhalli, A. (2018) "Digital Platforms: A Review and Future Directions", *Pacific Asia Conference on Information Systems*, Yokohama.
14. Asadullah, A., Kankanhalli, A., and Faik, I. (2018) "Understanding Users' Intention to Verify Content on Social Media Platforms", *Pacific Asia Conference on Information Systems*, Yokohama.
15. Zhou Y., and Kankanhalli, A. (2018) "How Does Use of Fitness Applications Influence Physical Activity?," *ACM SIGMIS CPR*, Buffalo.
16. Chua, C.L., Cheng, K.K., Lim, J.H., Yeow, C.H., Wadhwa, B., Kankanhalli, A. (2018) "Integrating Rehabilitation Beyond the Clinic: A Mobile Game-Based System", *Global Conference on Integrated Care*, Singapore.
17. Asadullah, A., Faik, I., and Kankanhalli, A. (2018) "Generativity of Digital Platforms: A Review, Organizing Framework, and Research Agenda", *DIGITS*, Delhi.
18. Ha, S., Kankanhalli, A., and Huang K-W. (2017) "Does IT Help Firms to Become More Entrepreneurial?: The Role of Enterprise IT", *International Conference on Information Systems*, Seoul.
19. Zhou, Y., Kankanhalli, A., and Huang, K.W. (2017) "Predicting Exercise Behavior in Fitness Applications: A Multi-Group Study", *International Conference on Information Systems*, Seoul.
20. Ha, S., Kankanhalli, A., and Huang K-W. (2017) "Hiring of Foreign Tech Professionals: An Absorptive Capacity Explanation", *Conference on Information Systems & Technology*, Houston.
21. Zhou, Y., Kankanhalli, A., and Phang, C.W. (2017) "Sharing Data on Fitness Applications: The Impact of Social Factors", *CNAIS Workshop*, Shanghai.
22. Zhou, Y., Kankanhalli, A., and Huang, K.W. (2016) "Effects of Fitness Applications with SNS: How Do They Influence Physical Activity", *International Conference on Information Systems*, Dublin.
23. Ha, S., Kankanhalli, A., Kishan, J., and Huang, K.W. (2016) "Does Social Media Marketing Really Work for Online SMEs?: An Empirical Study", *International Conference on Information Systems*, Dublin.
24. Chua, C.L., Cheng, K.K., Lim, J.H., Wadhwa, B., Kankanhalli, A., and Yeow, C.H. (2016) "Design of a Mobile Game-Assisted Rehabilitation Platform for Frozen Shoulder Patients". *16th International Conference on Biomedical Engineering (ICBME)*, Singapore
25. Rahman, M., Kankanhalli, A., Wadhwa, B., Yeow, C.H., Cheng, K.K., Lim, J.H., Jayakkumar, S., and Chua, C.L. (2016) "GEAR: A Mobile Game Assisted Rehabilitation System, *Proc. IEEE International Conference on Healthcare Informatics (ICHI)*, Chicago.
26. Rahman, M., Wadhwa, B., Kankanhalli, A., Yeow, C.H., Cheng, K.K., Lim, J.H., Jayakkumar, S., and Chua, C.L. (2016) "GEAR Analytics: A Clinician Dashboard for a Mobile Game Assisted Rehabilitation System," *Proc. IEEE 4th International Conference on User Science and Engineering (i-USEr 2016)*, Melaka.

27. Ha, S., Kankanhalli, A., and Huang K-W. (2016) "Absorptive Capacity and Hiring of Foreign Tech Professionals: Evidence from U.S. Semiconductor Firms," *Academy of Management Meeting*, Anaheim.
28. Wu, Y., Kankanhalli, A., and Huang, K-W. (2015) "Gamification in Fitness Apps: How do Leaderboards influence Exercise?" *International Conference on Information Systems*, Fort Worth.
29. Goyal, S., Ahuja, M., and Kankanhalli, A. (2015) "External Knowledge for Knowledge Creation and Innovation," *SIGOPEN ICIS Workshop*, Fort Worth.
30. Wee, Y., Zhou, Y., Kankanhalli, A., Hibberd, R., and Klecun, E. (2015) "Healthcare Integration with EHRs: A Combined Stakeholder and Institutional View", *OASIS Pre-ICIS Workshop*, Fort Worth
31. Ding, Y., Zhou, Y., C.S. Heng, and A. Kankanhalli (2014), "Social Media Migration for Marketing: Evidence from Startups", *OASIS Workshop, IFIP 8.2 WG Conference*, Auckland.
32. Yang, Y., and A. Kankanhalli (2014), "The Impact of Social Media Marketing on Online Small Business Performance", *Pacific Asia Conference on Information Systems*, Chengdu.
33. Yang, Y., A. Kankanhalli, and S. Chandran (2014), "Evolution of Information Technology in Healthcare", *Pacific Asia Conference on Information Systems*, Chengdu.
34. Ding, Y., Zhou, Y., and A. Kankanhalli (2014), "Why Do I Invite Friends to Join: An Empirical Study of Mobile Social Network Game", *Pacific Asia Conference on Information Systems*, Chengdu.
35. Tan, T., Y. Zhang, and A. Kankanhalli (2014), "How Online Social Networks affect my Job Choice Intention: An Empirical Approach", *Pacific Asia Conference on Information Systems*, Chengdu.
36. Yang, Z., A. Kankanhalli, B.Y. Ng, and K.K. Koo (2013), "Investigating Mobile Messaging in Healthcare Organizations: A Sensemaking Perspective", *International Conference on Information Systems*, Milan.
37. Ge, C., K.W. Huang, and A. Kankanhalli (2013), "Measuring the Information Technology Spillover Effect from Google", China Summer Workshop on Information Management (CSWIM), Tianjin, China.
38. Yang, Z., and A. Kankanhalli (2013), "Understanding the Effect of Physicians' Practice on the Use of Healthcare IS", *Pacific Asia Conference on Information Systems*, Jeju, Korea.
39. Yang, Y., and A. Kankanhalli (2013), "Investigating the Influence of IT and Other Resources on Service Innovation in Banking", *Pacific Asia Conference on Information Systems*, Jeju, Korea.
40. Yang, Z., and A. Kankanhalli (2013), "Innovation in Government Services: The Case of Open Data", *IFIP WG 8.6 Conference*, Bangalore.
41. Ge, C., A. Kankanhalli, K.W. Huang, and X. Sha (2013), "Do Economic Recession and Gender Influence the Likelihood of Entry Job in IT for IT Graduates?" *ACM SIGMIS CPR*, Cincinnati.
42. Kankanhalli, A., Taher, M., Cavusoglu, H., and S.H. Kim (2012), "Gamification: A New Paradigm for Online User Engagement," *International Conference on Information Systems*, Orlando.
43. Ye., H., Kankanhalli, A., and Z. Yang (2012), "Knowledge Brokering for Open Innovation: A Case Study of Innovation Intermediaries," *International Conference on Information Systems*, Orlando.
44. Taher, M., Yang, Z., and A. Kankanhalli (2012), "Public-Private Partnerships in E-Government: Insights from Singapore Cases," *Pacific Asia Conference on Information Systems*, Ho Chi Minh city, Vietnam.
45. Ye.,H., Kankanhalli, A., Huber, M, Blohm, I., Bretschneider, U., Goswami, S., Leimeister, J. M., Krcmar, H. (2012), "Collaboration and the Quality of User Generated Ideas in Online Innovation Communities," *Academy of Management Meeting*, Boston.
46. Yang, Z., A. Kankanhalli (2011), "Open Innovation in eGovernment: The Case for Open Data", pre-ICIS SIG eGov workshop, Shanghai.
47. Ng, B.Y., A. Kankanhalli, and J.W.L., Yip (2011), "Use of Healthcare IS by Multiple User Groups: An Empirical Study of a Medication Management System", *International Conference on Information Systems*, Shanghai.
48. Ye, H., A. Kankanhalli, K.Y. Goh, and J. Sun (2011), "Investigating Value Co-Creation in Innovation of IT-enabled Services: An Empirical Study of Mobile Data Services", *International Conference on Information Systems*, Shanghai.

49. Kankanhalli, A., and H. Ye (2011), "Investigating Value Co-Creation in Mobile Data Service Innovation", *ISES Global Conference of Service Excellence*, Singapore.
50. Ye, H., and A. Kankanhalli (2011), "Leveraging Structural Holes for Innovation: The Moderating Effects of IT-Enabled Absorptive Capacity", *Pacific Asia Conference on Information Systems*, Brisbane.
51. Ye, H., and A. Kankanhalli (2011), "Investigating Antecedents of IT-enabled Service Innovation", *Academy of Management Meeting*, San Antonio.
52. Ng, B.Y., A. Kankanhalli, K.K. Koo, and J.W.L. Yip (2011), "Mobile Messaging Services in Healthcare Organizations", *SRII Global Conference*, San Jose.
53. Saya, S., L.G. Pee, and A. Kankanhalli (2010), "The Impact of Institutional Influences on Perceived Technological Characteristics and Real Options in Cloud Computing Adoption", *International Conference on Information Systems*, St. Louis.
54. Ng, B.Y., A. Kankanhalli, K.K. Koo and J.W.L. Yip (2010), "Mobile Messaging in Healthcare Organizations: Investigating Use from a Power Perspective", *International Conference on Information Systems*, St. Louis.
55. Yip, J.W.L., B.Y. Ng, A. Kankanhalli, and K.K. Koo (2010), "Beep! Doc, You Have Messages", *Healthcare Information and Management Systems Society Asia10 Health IT Congress*, Daegu, South Korea.
56. Pee, L.G., Kankanhalli, A., Ong, L.L., and M.K. Vu (2010), "Antecedents and Impact of Knowledge Management Capability in Public Organizations", *Pacific Asia Conference on Information Systems*, Taipei (**Best Paper**)
57. Ye, H., Kankanhalli, A., and Y. Feng (2010), "Why do they return help? Examining the motives of reciprocity in online communities", *Pacific Asia Conference on Information Systems*, Taipei (**Best Paper Nominee**)
58. Chew, B.H., Ye, H., and A. Kankanhalli (2010), "From users' perspective: Exploring the value proposition in mobile data service innovation", *ISES Global Conference on Service Excellence*, Singapore.
59. Ho, Z.W., Chang, T.T., and A. Kankanhalli (2010), "The Impact of Individual Centrality and Helping on Knowledge Sharing: A Study of Fit", *Americas Conference on Information Systems*, Lima.
60. Pee, L.G. and A. Kankanhalli (2009), "Knowledge Management Capability: A Resource-Based Comparison of Public and Private Organizations", *International Conference on Information Systems*, Phoenix.
61. Phang, C.W. and A. Kankanhalli (2009), "How Do Perceptions of Virtual Worlds Lead to Enhanced Learning? An Empirical Investigation", *International Conference on Information Systems*, Phoenix.
62. Ng, B.Y. and A. Kankanhalli (2009), "IT Impact on Individual Work: A Study in the Context of Healthcare Services", *International Conference on Information Systems*, Phoenix.
63. Kankanhalli, A. and Kohli, R. (2009) "Does Public or Private Sector Matter? An Agenda for IS Research in E-Government", *PACIS 2009 Proceedings*, Hyderabad.
64. Ye, H., and A. Kankanhalli (2009), "Assessing e-service performance: a customer value perspective", *Inaugural Global Conference on Service Excellence*, Singapore.
65. Kankanhalli A. (2008), "Research Opportunities in Service Systems", *SIG-SVC Workshop*, Paris.
66. Pee, L.G., A. Kankanhalli, H.W. Kim and H.S. Kok (2008), "Examining Knowledge Sharing in Information System Development Projects: A Social Interdependence Perspective", *International Research Workshop on IT Project Management*, Paris.
67. Sutanto, J., A. Kankanhalli, L. Peng, and B.C.Y. Tan (2008), "The Effects of OSS Community Network Configuration on OSS Success", *Organizations and Society in Information Systems (OASIS) Workshop*, Paris.
68. Pee, L.G., and A. Kankanhalli (2008), "Understanding the Drivers, Enablers, and Performance of Knowledge Management in Public Organizations", *International Conference on Electronic Government*, Cairo.

69. 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. **(Best Paper Nominee)**
70. Phang, C.W., and A.Kankanhalli (2008), "E-Participation Research: Current State and Future Directions", *pre-ECIS Workshop on Egov Research*, Galway, Ireland.
71. Ng, B.Y., and A. Kankanhalli (2008), "Processing Information Security Messages: An Elaboration Likelihood Perspective", *Proc. European Conference on Information Systems*, Galway, Ireland.
72. Dutta, A., A. Kankanhalli, and R. Roy (2007), "The Dynamics of Sustainability of Electronic Knowledge Repositories", *Proc. International Conference on Information Systems*, Montreal.
73. 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.
74. 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.
75. 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.
76. 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.
77. 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.
78. Sutanto, J., and A. Kankanhalli (2006), "Investigating ICT-Mediated Task Coordination Modes in Global Virtual Teams", *Proc. International Conference on Information Systems*, Milwaukee.
79. 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.
80. 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.
81. 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.
82. 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.
83. 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.
84. 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.
85. 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.
86. 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.
87. 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.

88. Phang, C.W., and A. Kankanhalli (2005), "A Research Framework for Citizen Participation via E-Consultation", *Americas Conference on Information Systems*, Omaha, NE.
89. 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.
90. 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.
91. 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.
92. 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.
93. Sutanto, J., C.W. Phang, K.H. Huang, A. Kankanhalli, B.C.Y. Tan (2005), "Vicious and Virtuous Cycles in Global Virtual Team Role Coordination", *Hawaii International Conference on Systems Sciences*, Hawaii.
94. 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.
95. Lim, C.Y., A. Kankanhalli, and K.S. Raman (2004), "A Framework for Knowledge Reuse Success", *International Conference on Knowledge Management*, Singapore.
96. Tang, C., A. Kankanhalli, and B.C.Y. Tan (2004), "Evaluation of Electronic Knowledge Repositories", *Pacific Asia Conference on Information Systems*, Shanghai.
97. 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.
98. 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.
99. 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.
100. 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.
101. 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.
102. 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.
103. Woon, I. and A. Kankanhalli (2003), "Measures for Maximizing Information Systems Security in Organizations", *Proc. Workshop on Information Technology and Systems*, Seattle.
104. Tanudidjaja, F., A. Kankanhalli, and B.C.Y. Tan (2003), "Knowledge Integration in Global Virtual Teams", *Proc. Pacific Asia Conference on Information Systems*, Adelaide.
105. 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.
106. 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.

107. 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)**
108. 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*.
109. 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.
110. 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.
111. 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.
112. 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.
113. Zhang, H.J., A. Kankanhalli, and S.W. Smoliar (1993), "Automatic Video Partitioning and Indexing", **invited paper**, *Proc. IFAC World Congress*, Sydney, 209-212.
114. 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.
115. 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. Zhou, Y., and Kankanhalli, A. (forthcoming) "AI Regulation for Smart Cities: Challenges and Principles", *Smart Cities and Smart Governance: Towards the 22nd Century Sustainable City*, E. Estevez, T.A. Pardo, and H.J. Scholl (Eds.),
2. Sharma, R., A. Kankanhalli, and M. Taher (2013), "E-democracy Systems and Participation Outcomes in Urban Governance", *Citizen e-Participation in Urban Governance: Crowdsourcing and Collaborative Creativity*, C.N. Silva (Ed.), IGI Global, Hershey, PA
3. Pee, L.G., A. Kankanhalli, and V.C.Y. On Show (2012), "ICT for Digital Inclusion: A Study of Public Internet Kiosks in Mauritius", *International Comparisons of Information Communication Technologies: Advancing Applications*, F.B. Tan (Ed.), IGI Global, Hershey, PA.
4. Phang, C.W. and A.Kankanhalli (2011), "A Service Systems Perspective of E-government Development", *Service Systems Implementation in the Service Science: Research and Innovations in the Service Economy Series*, Demirkan, H., Spohrer, J.C., Krishna, V. (Eds.), Springer.
5. Phang, C.W., and A. Kankanhalli (2010), "Emerging IT Infrastructures for E-Government: A Status Report on China, Japan, Singapore, and South Korea", *Electronic Government: Information, Technology, and Transformation in the Advances in Management Information Systems*, H.J. Scholl (Ed.), M.E., Sharpe, NY.
6. Lee, M.S., Sutanto, J., Kankanhalli, A. and Tan, B.C.Y. (2008) "Virtual Community Models in Relation to E-Business Models", in *Electronic Business: Concepts, Methodologies, Tools and Applications, vol II*, In Lee (Ed.), Idea Group, Hershey, PA.

7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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. Ha, S., Um, S., Kankanhalli, A., and Huang, K.W. "The Complementary Roles of IT and R&D Activities in Corporate Entrepreneurship"
2. Um, S., Ha, S., Kankanhalli, A., and Huang, K.W. "Does IT Help Firms to Become More Entrepreneurial?: The Role of Enterprise IT"
3. Oh, H., Kim, T., Choi, J.Y., Lim, H., and Kankanhalli, A. "How Fast Can I Lose? An Exploration of the Effects of Mobile-based Self-Monitoring on Weight Loss Dynamics"

4. Xia, Q., Ai, P., Kankanhalli, A., and Zhao, X. “Understanding Personalization for Health Behavior Change Applications: A Review and Future Directions”
5. Zhou, Y., Kankanhalli, A., and Karahanna, E. “Sharing One’s Health Data through Self-monitoring IT: Does Accountability Matter?”
6. Sukhwai, P.C., and Kankanhalli, A. “Agent Based Modeling in Digital Governance: A Systematic Literature Review”
7. Yang, Z., Ha, S., Kankanhalli, A., and Um, S. “Understanding External Innovators’ Perceptions of Open Government Data Innovation: A Risk Perspective”
8. Ye., H., Kankanhalli, A., and Tan, B.C.Y. “Examining Crowdsourcing Contest Performance: Does Solvers’ Ambidexterity Matter?”
9. Yoon, S., Kim, H.W., and Kankanhalli, A. “What Makes People Watch Online TV Clips? An Empirical Investigation of Survey Data and Viewing Logs”
10. Klecun, E., Zhou, Y., and Kankanhalli, A. “Multi-Level Inter-Organizational Alignment in National Health IT Initiatives”

RESEARCH GRANTS

Industry

- 2013 Co-Investigator, Microsoft Research Asia Grant (Microsoft: USD 20,000)
- 2010 IBM Faculty Award (IBM: USD 40,000)
- 2008 Principal Investigator, Fostering Knowledge Sharing in Virtual Teams and Communities (Bosch SEA: \$171,256)

Government

- 2019 Principal Investigator, Creating Temporal Physical Activity Profiles Through Smartphone Data (Ministry of Education Singapore: \$105,000)
- 2018 Co-Investigator, Research on Innovating in a Digital Economy – RIDE (Social Science Research Thematic Grant: \$5,194,640)
- 2017 Principal Investigator, Examining User Participation in Online Fitness Communities (Ministry of Education Singapore: \$88,000)
- 2015 Co-Investigator, Analytics for Assessing Gamification Effectiveness in a Rehabilitation Platform (Faculty of Engineering – School of Computing: \$80,000)
- 2014 Principal Investigator, Real Communities Virtually: Reconceptualizing Neighbourhoods through Online Communities? (Humanities and Social Sciences: \$40,000)
- 2012 Principal Investigator, Open Innovation through Virtual Knowledge Intermediaries (Ministry of Education Singapore: \$65, 000)
- 2008 Principal Investigator, Role of Information and Communication Technologies in Governance (Ministry of Education Singapore: \$181,600)
- 2006 Principal Investigator, Knowledge management and IT implementation in public sector (Ministry of Education Singapore: \$37,379)
- 2004 Principal Investigator, Knowledge management systems and applications (Ministry of Education Singapore: \$41,666)

Overseas

- 2015 Collaborator, Spontaneous Virtual Team Shared Leadership Mechanism, Team Conflict and Team Performance -- A Multilevel and Longitudinal Method Perspective (Ministry of Education Singapore PR China: \$100,000)
- 2011 Collaborator, Investigating the Mechanisms of Improving Participation Quality in Tertiary Online Educational Forums (Ministry of Education Singapore PR China: \$70,000)

INVITED PRESENTATIONS, KEYNOTES, TALKS, AND PANELS

- Invited Talk, “Social Enterprise and Digital Transformation”, Annual Research Symposium. Krea University, 2020
- Keynote, “IoT and AI for Smart Government: A Research Agenda”, ICIMU 2020, Malaysia
- Panel, “What is Good Research”, NUS Computing Research Week 2020
- Panel, “AIS and Closing Panel”, PACIS 2020 – part of AIS Virtual Conference Series (VCS)
- Panel, “Artificial Intelligence Meets IS Researchers: Can It Replace Us?”, ICIS 2019, Munich
- Keynote, “Information Systems and Digital Innovation in Healthcare”, ICRIS 2019, Malaysia
- Invited Talk, “Pervasive Care, Wearables, & Gamification: A Collection of Studies” Univ of Queensland, Brisbane, 2019
- Invited Talk, “Examining Gifting through Social Network Services: A Social Exchange Theory Perspective”, IIM Bangalore, 2019
- Invited Talk, “Understanding the Crafting and Publication Process for Top-Tier Information Systems Journals”, IIM Bangalore, 2019
- Invited Talk, “Pervasive Care, Wearables, & Gamification: A Collection of Studies”, IIM Bangalore, 2019
- Invited Talk, “Pervasive Care for Ageing Well”, Cities for All Ages Workshop, Singapore, 2019
- Invited Talk, “Understanding the Crafting and Publication Process for Top-Tier Information Systems Journals”, Universite Laval, 2019
- Invited Talk, “Examining Gifting through Social Network Services: A Social Exchange Theory Perspective”, University of Waterloo, 2019
- Panel, “Social Enterprise and Digital Transformation”, Research Workshop on Digital Inclusion: Narratives for Connecting Outcomes with Indicators, ICEGOV 2019, Melbourne
- Panel, “Being (more) Human in a Digitised World”, INAIS Workshop, IIMC, Kolkata, 2019
- Invited Talk, “Understanding the Crafting and Publication Process for Top-Tier Information Systems Journals”, IIMC, Kolkata, 2019
- Invited Talk, “Pervasive Care, Wearables, & Gamification: A Collection of Studies”, IIMC, Kolkata, 2019
- Panel, "Internet of People, Things, and Data", DIGIT Pre-ICIS Workshop, San Francisco, 2018
- Invited Talk, “Examining Gifting through Social Network Services: A Social Exchange Theory Perspective”, University of Auckland, 2018
- Invited Talk, “Examining Gifting through Social Network Services: A Social Exchange Theory Perspective”, ESSEC Business School, 2018
- Invited Talk, “Pervasive Care, Wearables, & Gamification: A Collection of Studies”, Yonsei University, Seoul, 2018

- Session Chair, “IS/IT and Open InnovationTrack”, PACIS, Yokohama, 2018
- Panel, “Road to Academic Career and Publication Productivity”, SIGCPR Doctoral Consortium, Buffalo, 2018
- Keynote, International Conference on Information Resources Management, Ningbo, 2018
- Invited Talk, “Health and Wellness IT: Assimilation and Innovation”, UNITEN, Malaysia, 2018
- Panel, “Embracing the Fourth Industrial Revolution to Build an Effective Government”, Prime Minister of Vietnam visit and meeting, Singapore, 2018
- Panel, “Participation, Engagement and Empowerment – the Role of Digital Governance and Civics”, ICEGOV 2018, Galway
- Invited Talk, “Digital Innovations for Nursing Productivity”, Transforming Nursing Care Conference, Singapore, 2018
- Panel, “Research Grant Issues”, SOC Grantsmanship Workshop, NUS, 2018
- Talk, “Examining Gifting through Social Network Services: A Social Exchange Theory Perspective”, DISA Seminar, NUS, 2018
- Invited Talk, “Digital Advances in Nursing”, 22nd Ministry of Health Joint Singapore-Malaysia Nursing Conference, Singapore, 2017
- Panel, “Smart Nation: Instrumented, Innovative, and Participatory”, Innovation- Connect-Economy Workshop, Singapore, 2017
- Invited Talk, “Open Innovation and Open Data Initiatives”, CTG, Albany NY, 2017
- Invited Talk, “Smart City Information Privacy and Security”, Yonsei University Seoul, 2017
- Session Chair, “Digital Healthcare and Education”, ICEGOV 2017, New Delhi
- Invited Talk, “Information Privacy and Security”, Korean National Police Agency, 2016
- Talk, “The Potential of Open Innovation and Open Data Initiatives”, SOC Research Workshop, 2016
- Keynote Speaker, ICRIS, Malaysia, 2015
- Invited Talk, “An Agenda for Knowledge Management Research”, UTM Malaysia 2015
- Invited Talk, “Wearables, Healthcare, and Gamification”, HKUST, 2015
- Talk, “Knowledge Management Research”, CII KM Delegation, Singapore, 2014
- Talk, “Academic Job Recruitment” School of Computing, NUS, Singapore, 2014
- Panel, “How to do Good and Impactful Research in Asia-Pacific”, PACIS 2014, Chengdu
- Invited Talk, “Research at NUS School of Computing”, RVCE Bangalore, 2014
- Invited Talk, “Graduate Studies and Research at NUS School of Computing”, NITK Surathkal, 2014
- Invited Talk, “Research at NUS School of Computing”, PESU Bangalore, 2014
- Talk, “Overview of Research at NUS School of Computing”, to GYSS students, NUS, Singapore, 2014
- Talk, “What Does a Search Committee Search For”, School of Computing, NUS, Singapore, 2013
- Invited Talk, “Open Innovation and Open Data”, Southampton University, UK, 2013
- Invited Talk, “Open Innovation Research Themes”, Loughborough University, UK, 2013
- Invited Talk, “Open Innovation in eGovernment: The Case for Open Data”, London School of Economics, UK, 2013

- Invited Talk, “IT-enabled and Open Innovation in Services”, Service Innovations Conference 2012, Singapore, 2012
- Invited Talk, “Deriving Value from IT-enabled and Open Innovation”, Auckland University of Technology, New Zealand, 2012
- Keynote, Iranian Knowledge Management Conference, 2012
- Invited Talk, “Purchase of Digital Items in Online Communities”, National Sun Yat Sen University, Taiwan, 2011
- Invited Talk, “Envisioning IT-Enabled and Open Innovation”, Korea University-NUS Management of Technology Workshop, Singapore, 2011
- Invited Talk “Mobile Messaging Services in Healthcare Organizations”, *SRII Global Conference*, San Jose, 2011
- Invited Talk, “Government 2.0 and E-participation”, *MIS Asia & Computerworld eGovernment Seminar*, Singapore, 2010
- Invited Talk, “Development and Trends of E-Business in Asia”, *Asia Pacific Workshop on E-Business*, Taipei, 2009
- Invited Talk, “Perspectives on E-participation”, *GovTech*, Singapore, 2009
- Invited Talk, “Research Opportunities in Service Systems”, *IEEM Post Conference Symposium on Research and Practice Challenges in the Service Era*, Singapore, 2008
- Talk, “Enabling KM in Large Decentralized Organizations: A Case Study of an Institution of Higher Learning”, *KMtalk.net*, Malaysia, 2008
- Talk, “Doing a Ph.D.: Why, How, and What Happens After?”, *School of Computing*, NUS, Singapore, 2008
- Invited Talk, "Building KM Capabilities Across a University", *KM Fourth Annual iKMS Practitioner's Conference*, Singapore, 2007
- Invited Talk, "Global Virtual Team Case Study", *Institute of Systems Science*, Singapore, 2007
- Panel, “IS in China”, *Pacific Asia Conference on Information Systems*, Kuala Lumpur, 2006
- Invited talk, “The Singapore E-Government Context”, *International Conference on Digital Government Research*, San Diego, 2006
- Invited Talk, “Development of a General Knowledge Management Maturity Model”, *Korean Knowledge Management Society Conference*, Seoul, 2006
- Invited Talk, “Categorizing Unstructured Information”, *Ark Group Workshop on Identifying and Managing Unstructured Information*, Singapore, 2006

TEACHING EXPERIENCE AND SERVICE

Courses:

Executive Education:

- Wearable Technology for e-Health (CHI)
- Health Informatics (CHI)
- Foundations of Service Science (STMI)
- Introduction to Knowledge Management

Undergraduate:

2019/2020 S1 IS4234 Compliance and Regulation Technology
2017/2018 S2 IS4250 Healthcare IT and Analytics
2016/2017 S2 IS3250 Health Informatics
2015/2016 S2 IS3250 Health Informatics
2014/2015 S2 IS3250 Health Informatics
2013/2014 S2 IS4224 Service Systems
2011/2012 S2 IS4224 Service Systems
2010/2011 S2 IS4224 Service Systems
2009/2010 S2 CS4361 Service Systems
2008/2009 S2 CS4361 Service Systems
2007/2008 S1 CS3255 Information Organization
2006/2007 S1 CS3255 Information Organization
2005/2006 S1 CS3255 Information Organization
2004/2005 S1 CS3255 Information Organization
2003/2004 S1 CS1105 Computing and Society

Graduate:

2020/2021 S1 IS5151 Information Security Policy and Management
2019/2020 S2 IS5151 Information Security Policy and Management
2017/2018 S1 IS5151 Information Security Policies
2016/2017 S1 IS5151 Information Security Policies
2015/2016 S1 IS5151 Information Security Policies
2014/2105 S1 IS6002 Quantitative Methods for IS Research
2013/2014 S1 IS6002 Quantitative Methods for IS Research
2012/2013 S1 IS6002 Quantitative Methods for IS Research
2011/2012 S1 IS6002 Quantitative Methods for IS Research
2010/2011 S1 IS6002 Quantitative Methods for IS Research
2009/2010 S2 CS6771 Seminars in Information System I
2009/2010 S1 CS5268: Electronic Government
2008/2009 S1 CS5268: Electronic Government
2007/2008 S2 CS5268: Electronic Government
2006/2007 S2 CS5204 Foundation in Management of IS
2006/2007 S2 CS5203 Foundation in IS Research Methodologies
2006/2007 S1 CS5204 Foundation in Management of IS
2006/2007 S1 CS5203 Foundation in IS Research Methodologies
2005/2006 S2 CS5268: Electronic Government
2004/2005 S2 CS5268: Electronic Government

Teaching Cases and Materials:

- IT For Quality Healthcare: The Case of Vital Signs Monitoring Systems Use (SGH and CGH)
- To Debate or Not to Debate: Facilitating Active Learning in a Postgraduate Information Systems Module, *CDTLink*, 11(3), Nov 2007.

- Information and Communications Technology for Critical Event Management: The Singapore 2006 Project (Infocomm Development Authority)
- A Structural Analysis of IT-induced Organizational Change in a Public Organization (National Library Board)
- Change Management in Complex Inter-Organizational and Public Systems (EzLink, Land Transport Authority)
- Computer Assisted Learning Centers (CALC) in the Indian State of Karnataka (Azim Premji Foundation)
- 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)

My Publications have been used as Course Readings in following Universities:

Al-Quds Open University, Auburn University College of Business, Ben Gurion University of the Negev, Boston University, Carnegie Mellon University, City University of Hong Kong, Indiana University, Karlsruhe Institute of Technology, Kennesaw State University, Lawrence Technological University, Maastricht University, McGill University, National Cheng Kung University, Northwestern University, Norwegian School of Management, Orebro University, Southern Illinois University, Stevens Institute of Technology, Sultan Qaboos University, University of Calgary, University of the Free State, University of Missouri St Louis, University of Pittsburgh, University of Technology Sydney, University of Texas Austin, University of Warsaw, University of Wisconsin Milwaukee.

Doctoral/Masters Students Advised

1. Prakash Sukhwal - ongoing (*PhD Supervisor*)
2. Jieun Shin – ongoing (*PhD Supervisor*)
3. Ahmad Asadullah – Research Fellow, National University of Singapore (*PhD Supervisor*)
4. Sangwook Ha – Asst. Professor, Beijing Normal University-Hong Kong Baptist University United International College, China (*PhD Supervisor*)
5. Zhou Ya - Asst. Professor, Xiamen University, China (*PhD Supervisor*)
6. Yang Zhenbin – Senior Manager, Ngee Ann Polytechnic, Singapore (*PhD Supervisor*)
7. Ye Hua – Asst. Professor, University of Waterloo, Canada (*PhD Supervisor*)
8. Ng Boon Yuen – Senior Lecturer, Singapore University of Social Sciences (*PhD Supervisor*)
9. Pee Loo Geok – Asst. Professor, Nanyang Technological University, Singapore (*PhD Supervisor*)
10. Juliana Sutanto – Professor, Lancaster University, UK (*PhD Supervisor*)
11. David Phang Chee Wei – Professor, University of Nottingham Ningbo, China (*PhD Supervisor*)
12. Lai Yi - Bigdata Engineer, Byte Dance, Shenzhen, China (*M.S. Supervisor*)
13. Meghna Saxena – COO, Footloose Labs, Singapore (*MComp Supervisor*)
14. Sun Daoyuan – Investment Manager, Agricultural Development Bank of China (*M.S. Supervisor*)
15. Wu Yue - Research Engineer, Advanced Digital Sciences Center, Singapore (*MComp Supervisor*)
16. Surya Ramkumar - Business Group Lead, Microsoft, Netherlands (*MComp Supervisor*)
17. Fransiska Tanudidjaja – Associate Team Director, PropNex Realty, Singapore (*M.S. Supervisor*)

18. Alexander Herzfeldt – Manager, Siemens Advanta Consulting, USA (*PhD, Exchange*)
19. Qihui Xia - Xi'an Jiaotong University (*PhD, Exchange*)
20. Wang Zhiyi – Asst. Professor, University of Colorado Boulder, USA (*PhD, thesis committee*)
21. Harry Nguyen - Asst. Professor, University of Glasgow, Singapore branch (*PhD, thesis committee*)
22. Shen Yi - Asst. Professor, Soochow University, China (*PhD, thesis committee*)
23. Prasanta Bhattacharya - Research Scientist, A*Star Institute High Performance Computing, Singapore (*PhD, thesis committee*)
24. Deng Yimeng - Research Engineer Huawei Technologies, China (*PhD, thesis committee*)
25. Luo Cheng - Asst. Professor, Tianjin University, China (*PhD, thesis committee*)
26. Subhasree Basu – Data Scientist, DBS, Singapore (*PhD, thesis committee*)
27. Leong Mei Ling, Carmen – Senior Lecturer, UNSW, Australia (*PhD thesis committee*)
28. Sitoh Mun Kiat – Director, Ncode Consultant, Singapore (*PhD thesis committee*)
29. Chen Jing, Elaine – Lecturer, Beihang University, China (*PhD thesis committee*)
30. Ge Chunmian – Professor, South China University of Technology, China (*PhD thesis committee*)
31. Cui Tingru – Senior Lecturer, University of Melbourne, Australia (*PhD thesis committee*)
32. Sha Xiqing - Asst. Professor, Southeast University, China (*PhD thesis committee*)
33. Awie Foong - Global Lead HR Analytics & Tech, Siemens Healthineers (*PhD thesis committee*)
34. Melvyn Kuan - Senior Assistant Director, Cyber Security Agency, Singapore (*PhD thesis committee*)
35. Ng Ee Hong - Assistant Director, National Environment Agency (*PhD thesis committee*)
36. Sumeet Gupta – Professor, IIM Raipur, India (*PhD thesis committee*)
37. Ravishankar M.N. – Professor, Loughborough University, UK (*PhD thesis committee*)
38. Mamata Bhandar - Assoc. Professor, Manipal GlobalNxt University, Singapore (*PhD thesis committee*)
39. Suparna Goswami - Research Group Leader, TU Munich, Germany (*PhD thesis committee*)
40. Satish Krishnan - Assoc. Professor, IIM Kozhikode, India (*PhD thesis committee*)
41. Faezeh Karimi - Scholarly Teaching Fellow, University of Technology, Sydney (*PhD thesis committee*)
42. Kamarul Hashim – Assoc. Professor, University of Dubai, UAE (*PhD, AUT, external examiner*)
43. Nor Hidayati Zakaria - Senior Lecturer, Universiti Teknologi Malaysia (*PhD, QUT, external examiner*)
44. Imran Ahmed - PG IT Program Coordinator, UNSW, Canberra (*PhD, ANU, external examiner*)
45. Khet Khet Oo Tha - Research Candidate, UNSW, Australia (*M.S. thesis committee*)
46. Brojo Pillai – Director, The Montessori Place, UK (*M.S. thesis committee*)

Research Assistant Supervision

1. Saurabh Chaudhari
2. Aman Singhanian
3. Soumyadip Ghosh
4. Suparna Ghanvatkar
5. Meghna Saxena
6. Wang Xue

7. Divya Sivasankaran
8. Vasudevan Vivekananth
9. Ayushi Kamboj
10. Kanika Kataria
11. Wu Yue
12. Sarada Chandran
13. Mahdieh Taher
14. Jolly Jacob
15. Ashley Markose
16. Wu Di

Teaching/ Curriculum Service

- External Examiner, PhD & Masters Curriculum, University of Malaya
- External Examiner, Masters Curriculum, UNITEN, 2018
- External Examiner, SIM University, 2017
- PhD Thesis Opponent, University of Jyväskylä, 2016
- External Examiner, Masters Curriculum, Universiti Teknologi Malaysia, 2015
- External Examiner UniSIM, course refresh, 2013
- International E-Mentor, 2013

PROFESSIONAL SERVICE (COMMUNITY AND JOURNALS)

Community

- AIS Vice President Region 3 (2019-2022)
- AIS Member of Finance Committee (2010 – 2012, 2019-2022)
- AIS Member of Task Force on Future Hybrid Conferences (2020 -)
- AIS Member Wellbeing Project (2020 -)
- AIS Women's Mentoring Program
- AIS SIGEGOV Nominating Committee
- AIS SIGSVC Country Representative
- Academy of Management OCIS Membership Committee
- Academy of Management OCIS Exco Member and International Representative at Large (2010 – 2013)
- Academy of Management OCIS Member of Best Paper Award Committee
- Member, PACIS Best Paper Selection Committee, 2013
- Member of iKMS committee on KM Standards
- Member ICKM Council
- Member SSME Council (2009 - 2016)
- International E-Mentor, 2013

Journals:

- Senior Editor - MIS Quarterly (2018 –)

- Senior Editor - AIS Transactions on Replication Research (2020 -)
- Senior Editor - Journal of AIS (2015 – 2017)
- Associate Editor - Information Systems Research, (2013 – 2016)
- Associate Editor - MIS Quarterly (2009 – 2012)
- Associate Editor - Information and Management (2011 – 2017)
- Associate Editor - MIS Quarterly Special Issue on "Co-Creating IT Value: New Capabilities and Metrics for Multi-Firm Environments.", 2009
- Associate Editor - MIS Quarterly Special Issue on “Digital Business Strategy: Toward a Next Generation of Insights”, 2010
- Associate Editor - ISR Special Issue on “Collaboration and Value Creation in Online Communities”, 2014
- Guest Senior Editor - MIS Quarterly (2013)
- Guest Editor:
 - Information and Management (2015)
 - Government Information Quarterly (2016, 2017)
 - Information Systems Frontiers (2014)
 - European Journal of Information Systems (2014)
- Editorial Board Member:
 - Journal of AIS (2018-2019)
 - IEEE Transactions on Engineering Management (2009 – 2020)
 - Government Information Quarterly (2015 -)
 - International Journal of Knowledge Management (2005-2017)
 - Journal of Information and Knowledge Management (2005 -)
- Reviewer - *California Management Review*, *Communications of ACM*, *Decision Support Systems*, *Information Systems Research*, *Journal of the AIS*, *Journal of Management Information Systems*, *Management Science*, *Omega*
- Editorial Advisory Board:
 - Distinguished Board of Advisors, Internet Research (2020 -)
 - IIM Kozikhode Society & Management Review (2019 -)
 - IIM Indore Management Journal (2014 -)
- External Reviewer:
 - Singapore Social Science Research Thematic Grant
 - Marianne and Marcus Wallenberg Foundation, Sweden
 - Kuwait Foundation for the Advancement of Sciences
 - Academy of Finland Research Council
 - Hong Kong Research Grants Council
 - Canada Research Grants Council

PROFESSIONAL SERVICE (CONFERENCES)

- Program Chair:
 - International Conference on Information Systems (ICIS) 2021

- International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2018
- Pacific Asia Conference on Information Systems (PACIS) 2015
- International Conference on Big Data and Analytics in Healthcare (BDAH) 2014
- Doctoral Consortium Co-Chair:
 - Americas Conference on Information Systems (AMCIS) 2023
 - International Conference on Information Systems (ICIS) 2022
 - ACM SIGMIS CPR 2018
- Doctoral Consortium Faculty:
 - Pacific Asia Conference on Information Systems (PACIS) 2021
 - International Conference on Information Systems (ICIS) 2019
 - Pacific Asia Conference on Information Systems (PACIS) 2017
 - OCIS, Academy of Management Meeting, 2016
 - Pacific Asia Conference on Information Systems (PACIS) 2014
 - International Conference on Information Systems (ICIS) 2013
 - IFIP 8.6 : Grand Successes and Failures in IT, 2013
 - Pacific Asia Conference on Information Systems (PACIS) 2006
- Junior Faculty Consortium Counselor, International Conference on Information Systems (ICIS) 2010
- Faculty Mentor/Organizer:
 - MISQ Reviewer Development Workshop, ICIS 2020
 - MISQ Paper Development Workshop, AMCIS 2020
 - MISQ Paper Development Workshop, AMCIS 2019
 - MISQ Paper Development Workshop, PACIS 2019
 - JAIS Paper Development Workshop, PACIS 2015
 - OCIS-Sponsored PACIS paper development workshop, PACIS 2013
 - OCIS International Paper Development PDW, AOM 2012
 - OCIS International Paper Development PDW, AOM 2011
 - OCIS-Sponsored PACIS paper development workshop, PACIS 2011
 - OCIS International Paper Development PDW, AOM 2010
- Track Chair:
 - PACIS 2022, General IS Topics Track
 - ICIS 2020, General IS Topics Track
 - ICIS 2019, Smart Cities and Digital Government Track
 - DESRIST 2018, DSR in Data Science and Business Analytics Track
 - ICIS 2018, Social Media and Digital Collaboration Track
 - PACIS 2018, IS/IT and Open InnovationTrack
 - ICIS 2017, Social Media and Digital Collaboration Track
 - ICEGOV 2017, Digital Healthcare and Education Track
 - DGO 2016, Internet Plus Government Track
 - PACIS 2016, Knowledge Management Track
 - ICIS 2016, Panels Track
 - PACIS 2013, Knowledge Management Track

- ICIS 2015, Human Behavior in IS Track
- ICIS 2013, Knowledge Management and Business Intelligence Track
- PACIS 2013, Service Science and IS Track
- AMCIS 2012, Crowdsourcing Innovation, Knowledge, and Creativity in Virtual Communities Minitrack
- PACIS 2012, Service Science and IS Track
- ACIS 2011, Crowdsourcing, Value Co-Creation, and Innovation in the Digital Economy Track
- ICIS 2011, Knowledge Management and Business Intelligence Track
- PACIS 2011, Knowledge Management and Business Intelligence Track
- ICIS 2010, Online Community and Group Collaboration Track
- PACIS 2009, Knowledge Management Track
- PACIS 2006, Electronic Government Track
- Associate Editor:
 - International Conference on Information Systems (ICIS) 2014
 - International Conference on Information Systems (ICIS) 2012
 - European Conference on Information Systems (ECIS) 2011
 - OCIS, Academy of Management Meeting, 2010
 - OCIS, Academy of Management Meeting, 2009
 - International Conference on Information Systems (ICIS) 2009
 - International Conference on Information Systems (ICIS) 2008
 - International Conference on Information Systems (ICIS) 2007
 - International Conference on Information Systems (ICIS) 2006
- Program Committee:
 - 6th Taiwan Summer Workshop on Information Management (TSWIM) 2018
 - International Conference on Digital Government Research (DGO) 2018
 - Digital Innovation, Transformations, and Society Conference (DIGITS) 2018
 - International Conference on Open Collaboration (OpenSym) 2017
 - International Conference on Digital Government Research (DGO) 2017
 - Fourth Taiwan Summer Workshop on Information Management (TSWIM) 2016
 - International Conference on Knowledge Management (ICKM) 2016
 - International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2015
 - International Conference on Knowledge Management (ICKM) 2015
 - International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2014
 - International Conference on Knowledge Management (ICKM) 2014
 - International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2013
 - IFIP 8.6 Working Conference, Grand Successes and Failures in IT: Private and Public Sectors, 2013
 - International Conference on Services in Emerging Markets (ICSEM) 2012
 - International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2012
 - International Conference on Knowledge Management (ICKM) 2011
 - International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2011
 - International Conference on Services in Emerging Markets (ICSEM) 2011
 - Service Modelling and Representation Techniques - SMART 2010

- International Conference on Services in Emerging Markets, (ICSEM) 2010
- International Conference on Knowledge Management (ICKM) 2010
- International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2010
- INFORMS Conference on Information Systems and Technology (CIST) 2010
- INFORMS Conference on Information Systems and Technology (CIST) 2009
- IEEE/ACM International Conference on ICT and Development (ICTD) 2009
- International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2009
- International Conference on Electronic Commerce (ICEC) 2009
- International Conference on Knowledge Management (ICKM) 2009
- International Conference on Electronic Commerce (ICEC) 2008
- International Conference on Theory and Practice of Electronic Governance (ICEGOV) 2008
- International Conference on Knowledge Management (ICKM) 2008
- IEEE/ACM International Conference on ICT and Development (ICTD) 2008
- International Conference on Knowledge Management (ICKM) 2007
- IEEE/ACM International Conference on ICT and Development (ICTD) 2007
- International Conference on Knowledge Management (ICKM) 2006
- IEEE Innovations in Information Technology Conference 2006
- International Conference on Knowledge Management (ICKM) 2005
- First International Conference on Management of Globally Distributed Work (GDW) 2005
- Pacific Asia Conference on Information Systems (PACIS) 2005
- Pacific Asia Conference on Information Systems (PACIS) 2004
- Information Resource Management Association Conference (IRMA) 2004
- First Knowledge Management Conference in Asia Pacific (KMAP) 2004
- International Conference on Knowledge Management (ICKM) 2004
- International Advisory Committee/Board:
 - International Conference on Innovative Technology for Sustainable Development, ICITSD 2021
 - Taiwan Summer Workshop on Information Management, TSWIM 2019
 - International Conference on Digital Economy, ICDE 2019
 - International Conference on Digital Economy, ICDE 2018
 - International Conference on Research and Innovations in Information Systems, ICRIS 2017
 - Pacific Asia Conference on Information Systems (PACIS) 2016
 - International Conference on Marketing, Technology and Society, 2016
 - International Conference ISCO (Intelligent Systems and Control), 2011
 - International Conference on Contemporary Computing and Informatics IC3I, 2014

UNIVERSITY SERVICE

- Member Faculty Promotion and Tenure Committee (2019 -)
- Deputy Head, Research and Administration (2016 -)
- Member School Exco (2011 -)
- Member Department Evaluation Committee (2010 –)

- Member Department Exco (2009 -)
- Member Department Search Committee (2010 – 2011, 2012 - 2020)
- Member NUS Senate Delegacy (2013 - 2017)
- Assistant Dean, Research (2013 - 2016)
- Member Faculty Promotion and Tenure Committee (2012 - 2016)
- Member Exco, Felicitous Computing Institute (2011 - 2016)
- Member URC Expert Panel - Informatics and Mathematics (2010 – 2016)
- Assistant Dean, Undergraduate Studies (2011 - 2013)
- Member NUS Exam Task Force (2013)
- SOC Summer School Organizing Committee (2011, 2013)
- Area Leader and Lab Coordinator, Service Systems Innovation (2008 – 2013)
- Member School Curriculum Committee (2009 – 2011)
- Member Graduate Studies Committee (2006 - 2011)
- Doctoral Consortium Nominating Committee (2014, 2015, 2017)
- Member Executive Masters Committee (2012)
- Member, MComputing Revision Committee (2012)
- Dept. Pro-tem Committee (2011)
- SOC-Vietnam Workshop Coordination Committee (2009 – 2011)
- Member Discretionary Admissions Interview Board (2007 - 2011)
- SOC-Open House Coordination (2009)
- PhD Curriculum Restructuring Committee (2009)
- Doctoral Qualifying Exam Coordinator (2007)
- Member School of Computing Annual Research Report Editorial Board (2006 - 2008)
- Member School of Computing Strategy Review Task Force (2006)
- Judge Cerebration Contest, NUS Business School, 2012

CONSULTING PROJECTS AND INDUSTRY PARTNERS

- SGTech, RIDE project
- Holmusk, m-Health App Adherence project
- RSVP, GEAR project
- AppBition, GEAR project
- Microsoft, Mood and Context Awareness for Healthcare
- IBM, Service Innovation
- National University Hospital,
 - Closed Loop Medication Management System
 - Electronic Medication Administration System

- Web-based Messaging System
- Singapore General Hospital and Changi General Hospital, Vital Signs Monitoring System
- Bosch, SEA, Knowledge Sharing in Virtual Teams and Communities
- Infocomm Development Authority
 - IT For Quality Healthcare
 - Emerging Infrastructures & Technologies for e-Government
 - IPv6 Current State and Future Developments
- World Bank as part of the Millennium Development Goals on the Community Learning Center (CLC) initiative in Karnataka, India
- Virtual Team Studies with Barclays Capital, Standard Chartered
- 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.

MEDIA MENTIONS AND PRACTICE ARTICLES

- Keeping SMEs' digitalisation on track amid pandemic", *Business Times*, Aug 18, 2020
<https://www.businesstimes.com.sg/sme/keeping-smes-digitalisation-on-track-amid-pandemic>
- It's difficult to ensure that users always launch mobile application. Experts' view: using sports watch or EZ-Link could facilitate case tracking, *Lianhe Zaobao*, May 10, 2020
<https://www.zaobao.com.sg/znews/singapore/story20200510-1052026>
- Online gifting and why we do it, *SOC News*, March 2020
<https://www.comp.nus.edu.sg/news/features/3310-2020-atreyi-kankanhalli/>
- National electronic health records implementation: A tale with a happy ending? *LSE Business Review*, London School of Economics Blog, January 2020
<https://blogs.lse.ac.uk/businessreview/2020/01/23/national-electronic-health-records-implementation-a-tale-with-a-happy-ending/>
- Mindef adopts layered framework to strengthen supervision of supplier cybersecurity measures, *Lianhe Zaobao*, January 8, 2020
<https://www.zaobao.com.sg/news/singapore/story20200108-1019184>
- New data security rules for public sector by end-2020, *Straits Times*, Dec 15 2019
<https://www.straitstimes.com/tech/new-data-security-rules-for-public-sector-by-end-2020>
- Power to the consumer — user innovation drives new apps for mobile phones, *SOC News*, June 2019
<https://www.comp.nus.edu.sg/news/features/3004-2019-atreyi-kankanhalli/>
- Kankanhalli, A., and Li, Y. (2018) Fostering SMEs Digital Capabilities in Singapore, *IAC Journal of CIO and Digital Innovation*. <http://iacio.org/iacio2018/cio-and-digital-innovation-journal-2018/>
- Telerehab' system allows patients to do physiotherapy at home, *Straits Times*, May 5 2017
<http://www.straitstimes.com/singapore/health/patients-can-do-physiotherapy-at-home-using-new-telerehab-system>
- How can firms motivate users to innovate on their platforms?" *LSE Business Review*, London School of Economics Blog, December 2015
<http://blogs.lse.ac.uk/businessreview/2015/12/01/how-can-firms-motivate-users-toinnovate-on-their-platforms/>
- What Spurs Innovation, *BizQ*, Singapore Business Federation, 2015
- Businesses Open Up to Social Innovation, *ZDNet Asia*, August 2011,

<http://www.zdnetasia.com/businesses-open-up-to-social-innovation-62301486.htm>

- Students Worldwide to Collaborate on Projects to Improve Cities, Transportation and Health Care, *IBM News*, June 2011
<http://www.ibm.com/news/ph/en/2011/06/03/w176636k33285x84.html>
<http://www.smbworldasia.com/en/content/ibm-grant-helps-schools-address-real-world-challenges>
- Are We There Yet, *MIS Asia*, March-April 2010, p. 37
- Welcome to Utube, *Straits Times*, Nov 15, 2009
<http://www.asiaone.com/News/Education/Story/A1Story20091116-180148.html>
- Govt, education bodies behind Silicon Valley of India, *Deccan Herald*, Sept 12, 2008.
- How Bangalore got inspiration from Silicon Valley, *Deccan Herald*, Sept 11, 2008
- Article featured in *ACM TechNews*, 7(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.