

Curriculum Vitae

Xinlin Tang

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General Information

University address: Management
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Professional Preparation

- 2007 Ph.D., Georgia State University, Atlanta, GA. Major: Computer Information Systems.
- 2001 M.S., University of South Carolina, Columbia, SC. Major: Management Information Systems.
- 1997 M.A., Beijing Foreign Studies University, Beijing, China. Major: English Literature.
- 1995 B.S., Tsinghua University, Beijing, China. Major: Architecture.

Professional Experience

- 2010–present Assistant Professor of MIS, Department of Management, Florida State University. Responsible for teaching IS courses at the undergraduate and graduate level and conducting research in the IS and related fields.
- 2009–2010 Maternity Leave, Florida State University.
- 2007–2009 Assistant Professor, Department of Management Information Systems, College of Business, Florida State University. Responsible for teaching

undergraduate- and graduate- level courses and for conducting research in the IS field.

- 2005–2007 Graduate Teaching Assistant, Department of Computer Information Systems, Georgia State University, Atlanta, GA.
- 2002–2007 Graduate Research Assistant, Center for Process Innovation, Georgia State University, Atlanta, GA.
- 2001–2002 Database Administrator, Worldwide Freight Systems, Atlanta, GA.
- 2000–2001 Research and Teaching Assistant, University of South Carolina, Columbia, SC.
- 1997–2000 Project Manager, Huatong Real Estate Corp., Beijing, China.

Honors, Awards, and Prizes

Nominated for the Innovative and Effective Use of Technology Award, FSU Distant Learning (2013).

Nominated for the University Teaching Award, Florida State University (2011).

Nominated for the University Teaching Award, Florida State University (2008).

Accepted to the Ph.D. Consortium of Academy of Management (AOM), OCIS Division, Academy of Management (2006).

Accepted to the Ph.D. Consortium of International Conference on Information Systems (ICIS), International Conference on Information Systems (2006).

Best Paper Award Nominee, Association for Information Systems, Americas Conference on Information Systems (AMCIS) (2006).

Dissertation Award, Georgia State University (2006).

Harriet Fulbright Dissertation Grants, BTM Institute (2006). (\$10,000).

Current Membership in Professional Organizations

Associations for Information Systems
INFORMS

Teaching

Teaching Interests: Graduate and undergraduate courses in Information Systems, including database, system analysis and design, project management, digitally enabled supply chain management, and IT strategy and management.

Courses Taught

- Advanced Project Management (ISM5316)
- Information and Technology Management (ISM5021)
- IT Project Management (ISM4314)
- Project Management (ISM5315)
- Foundations of Management Information Systems (ISM3003)
- Social and Organization Issues in MIS (ISM5046)
- Advanced Systems Analysis and Design (ISM5118)
- # Digital Coordination of Global Supply Chains
- # Introduction to Computer Information Systems
- # Operations and Process Management

Supervision of Student Research Not Related to Thesis or Dissertation

Nelms, J. (Aug 2010–Dec 2011).

Supervise the student on his research readiness project.

Research and Original Creative Work

Program of Research and/or Focus of Original Creative Work

My research interests are centered upon the following themes:

- IT-Enabled inter-organizational relationship governance
- IT-Enabled innovation and business value, and
- IT-Enabled knowledge management.

Publications

Refereed Journal Articles

Lee, R. P., & Tang, X. (submitted). Does It Pay Off to Be Innovative and Imitative? An Examination of the Antecedents and Consequences of Innovation and Imitation Orientations. *Journal of Product Innovation Management*. Manuscript submitted for publication, 45 pages.

Lee, R. P., Rai, A., & Tang, X. (submitted). Managing Supplier-Facing Process Capabilities across the Product Life-cycle. *Industrial Marketing Management*. Manuscript submitted for publication, 40 pages.

Rai, A., Tang, X., Lee, R. P., & Guo, X. (submitted). Competitive Performance Impacts of IT-Enabled Product and Process Innovation Capabilities: The Contextual Influence of

Dysfunctional Competition. *MIS Quarterly*. Manuscript submitted for publication, 44 pages.

2nd Revision.

Shen, Y., Gallivan, M., & Tang, X. (2016). The Impact of Subgroup Formation on Transactive Memory Systems and Performance in Distributed Teams. *International Journal of e-Collaboration*, 12(1), 44-66.

Zhu, Z., Zhao, J., Tang, X., & Zhang, Y. (2015). Leveraging E-Business Process for Business Value: A Layered Structure Perspective. *Information & Management*, 52(6), 679-691.

Tang, X., & Rai, A. (2014). How Should Process Capabilities Be Combined to Leverage Supplier Relationships Competitively? *European Journal of Operational Research*, 239(1), 11. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0377221714003269>

European Journal of Operational Research is the leading journal in the operational research field. It has a five-year impact factor of 2.52.

Rai, A., & Tang, X. (2014). IT-Enabled Business Models: A Conceptual Framework and a Coevolution Perspective for Future Research. *Information Systems Research*, 25(1), 1-14.

Leading article. Information Systems Research is one of the top two journals in the IS field.

Lee, R., Tang, X., & Guo, X. (2013). Enhancing Market Responsiveness through Knowledge Transfer and Knowledge Codification: Evidence from Foreign Subsidiaries in China. *Advances in International Marketing*, 40.

Impact factor: 1.62.

Di Gangi, P., Wasko, M., & Tang, X. (2012). Would You Share? Examining Knowledge Type and Communication Channel for Knowledge Sharing Within and Across the Organizational Boundary. *International Journal of Knowledge Management*, 8(1), 81(1), 1-21.

Leading article.

Lee, R. P., Johnson, J. L., & Tang, X. (2012). An Investigation into the Role of IT Integration, Relationship Predictability and Routinization in Interfirm Relationships: From the Structuration Perspective. *Industrial Marketing Management*, 41(2), 368-377.

The impact factor of Industrial Marketing Management: 1.53.

Tang, X., & Rai, A. (2012). The Moderating Effects of Supplier Portfolio Characteristics on the Competitive Performance Impacts of Supplier-Facing Process Capabilities. *Journal of Operations Management*, 30, 85-98.

Journal of Operations Management is the #1 journal in the operations management field. Impact factor: 4.38.

Tang, X., Rai, A., & Wareham, J. (2011). Bridging and Bonding for Value Creation: A Structural Embeddedness Perspective of B2B Digital Intermediation. *IEEE on Transactions on Engineering Management*, 58(1), 4-20.

This paper is the leading article of the year.

IEEE Transactions on Engineering Management is the top tier journal for engineering, technology, and innovation management. Impact factor: 1.34.

Rai, A., & Tang, X. (2010). Leveraging IT Capabilities and Competitive Process Capabilities for IR Portfolio Management. *Information Systems Research*, 21(3), 516-542.

This paper is featured in "The Economist". Information System Research is one of the top two journals in the IS field.

Rai, A., Brown, P., & Tang, X. (2009). Organizational Assimilation of Electronic Procurement Innovations. *Journal of Management Information Systems*, 26(1), 257-296.

The second and third authors made equal contribution to the paper and are listed alphabetically.

Journal of Management Information Systems is one of the three top-ranked journals in the field of IS and ranked as the second most influential IS journal. Impact factor: 2.66.

Rai, A., Tang, X., Brown, P., & Keil, M. (2006). Assimilation Patterns in the Use of Electronic Procurement Innovations: A Cluster Analysis. *Information & Management*, 43(3), 336-349.

We conducted an exploratory study, which revealed four assimilation patterns of electronic procurement innovations (EPI).

Information & Management has an impact factor of 2.21.

Refereed Proceedings

Tang, X., Lee, R. P., Rai, A., & Guo, X. (in press). IT-Enabled Product and Process Innovations in Transition Markets: The Moderating Role of Dysfunctional Competition. In *International Conference on Information Systems, Auckland, NZ* (17 pages). AIS.

Lee, R., & Tang, X. (2012). An Examination of the Antecedents and Consequences of Innovation and Imitation Orientations in China. In *The Strategic Management Society (SMS) Special Conference on "Competing and Cooperating in and for China."* Guangzhou, China. The Strategic Management Society (SMS).

Lee, R., Tang, X., & Guo, X. (2012). Does it Pay Off to Be Innovative and Imitative Oriented? An Examination of the Antecedents and Consequences of Innovation and Imitation Orientations in An Emerging Economy. In *the Annual Meeting of the Academy of International Business Southeast USA Chapter (AIB-SE), Fort Lauderdale, FL*. the Academy of International Business.

- Tang, X., Patnayakuni, R., & Rai, A. (2011). Why Do They Share Information with Supply Chain Partners? A Comparison of Supplier and Buyer Perspectives. In the Proceedings of the *International Conference of Information Systems (ICIS)*, Shanghai, China. Shanghai, China: Association for Information Systems.
- Shen, Y., Gallivan, M., & Tang, X. (2008). The Influence of Subgroup Dynamics on Knowledge Coordination In Distributed Teams: A Transactive Memory System and Group Faultline Perspective. In the Proceedings of the *International Conference of Information Systems (ICIS)*, Paris, France. Association for Information Systems.
- # Tang, X., Hornyak, R., & Rai, A. (2006). Patterns of Information Usage in Inter-firm Processes. In the Proceedings of the *Americas Conference on Information Systems (AMCIS)*, Acapulco, Mexico. Association for Information Systems.
- Nominated for Best Paper Award.
- # Tang, X., & Rai, A. (2006). The Dual Efficiency – Real-Options Logic for Inter-Firm Relationship Portfolio Management. In the Proceedings of the *Annual Meeting Academy of Management*, Atlanta, GA. Academy of Management.
- # Kasi, V., & Tang, X. (2005). Design Attributes and Performance Outcomes: A Framework for Process Comparison. In the Proceedings of the *Annual Meeting of the Southern Association of Information Systems (SAIS)*, Savannah, GA. Southern Association of Information Systems.
- # Rai, A., Wareham, J., & Tang, X. (2003). Burt and Coleman Networks in Electronic Intermediation. In the Proceedings of the *International Conference of Information Systems (ICIS)*, Seattle, WA (pp. 511-522). Association for Information Systems.

Nonrefereed Reports

- Tang, X. (2008). *Investing in Platform and Process Capabilities for Inter-Firm Relationship Portfolio Management: An Empirical Test in Four Industries*. BTM Institution.
- White Paper.

Presentations

Invited Papers at Conferences

For invited papers at conferences, 100.0% were international in scope.

- Tang, X., & Zhu, Z. (presented 2015, June). *The Effect of Integration Capabilities with Channel Distributors on Agility Performance in Emerging Markets*. Paper presented at The Wuhan International Conference on E-Business, China University of Geosciences, Wuhan, China. (International)

Refereed Papers at Conferences

For refereed papers at conferences, 100.0% were international in scope.

Tang, X., Lee, R., Rai, A., & Guo, X. (presented 2014, December). *IT-Enabled Product and Process Innovations in Transition Markets: The Moderating Role of Dysfunctional Competition*. Paper presented at International Conference of Information Systems (ICIS), Association of Information Systems, Auckland, New Zealand. (International)

Lee, R., & Tang, X. (presented 2012). *An Examination of the Antecedents and Consequences of Innovation and Imitation Orientations in China*. Paper presented at the Strategic Management Society (SMS) Special Conference on "Competing and Cooperating in and for China.", the Strategic Management Society (SMS), Guangzhou, China. (International)

Tang, X., Patnayakuni, R., & Rai, A. (presented 2011). *Why Do They Share Information with Supply Chain Partners? A Comparison of Supplier and Buyer Perspectives*. Paper presented at International Conference on Information Systems, Associations of Information Systems, Shanghai, China. (International)

Shen, Y., Gallivan, M., & Tang, X. (presented 2008). *The Influence of Subgroup Dynamics on Knowledge Coordination In Distributed Teams: A Transactive Memory System and Group Faultline Perspective*. Paper presented at the International Conference of Information Systems (ICIS), Association for Information Systems, Paris, France. (International)

Refereed Papers at Symposia

For refereed papers at symposia, 100.0% were international in scope.

Rai, A., & Tang, X. (presented 2009). Leveraging IT Capabilities and Competitive Process Capabilities for IR Portfolio Management. In *Special Issue Symposium on "Digital Systems and Competition"*. Symposium conducted at the meeting of Information Systems Research, Albany, NY. (International)

Contracts and Grants

Contracts and Grants Funded

Zhu, Z., & Tang, X. (2013–2015). *E-business Value Creation under Collaboration Environment: An Extension of the Agile Reconfiguration Perspective*. Funded by National Science Foundation of China (NSFC). Total award \$26,000.

Tang, X. (2008–2008). *First Year Assistant Professor Research Grant*. Funded by Florida State University. Total award \$12,000.

Tang, X. (2006–2006). *Harriet Fulbright Dissertation Grant*. Funded by BTM Institution. Total award \$10,000.

Papers Underdevelopment

Lamont, B., Tang, X., Lee, R., & Guo, X. (2013). *The Effects of External Relationship Management and Internal Exploitation on Product Development Performance*.

Paper Under Development. In the manuscript drafting phase. Targeted to *Organization Science*.

Tang, X., Lee, R., & Fang, A. (2013). *Exploiting Internally, Externally, and Institutionally for Competitive Performance on New Product Development: Comparing SOEs with Private Firms in China*.

Manuscript drafting phase. Target Journal to be determined.

Tang, X., Lee, R., & Rai, A. (2013). *When Do Process Alignment and Partnering Flexibility Work in Managing a Supplier Portfolio? The Role of Product Life Cycle*.

Paper Under Development. In the manuscript refining phase. Targeted for *Journal of Marketing*.

Tang, X., Lee, R., Rai, A., & Guo, X. (2013). *IT-Enabled Product and Process Innovation in Emerging Markets: An Empirical Study in China*.

Paper Under Development. In the manuscript drafting phase. Targeted to *MIS Quarterly* or *Information Systems Research*.

Tang, X., Patnayakuni, R., & Rai, A. (2013). *Why Do They Share Information with Supply Chain Partners? A Comparison of Supplier and Buyer Perspectives*.

Paper Under Development. In manuscript refining phase. Targeted to *MIS Quarterly*.

Service

Florida State University

FSU College Service

Member, COB Technology Committee (2011–present).

Member, College of Business Diversity Committee (2008–2009).

Member, College of Business Ethics Roundtable (2007–2008).

FSU Department Service

Member, MIS Undergraduate Curriculum Committee (2013–present).

Member, Department P&T Committee (2007–2009).

The Profession

Guest Reviewer for Refereed Journals

Journal of the Association for Information Systems (2010–present).

Information Systems Journal (2009–present).

IEEE Transactions on Engineering Management (2008–present).

International Journal of Electronic Commerce (2008–present).

Journal of Operations Management (2008–present).

MIS Quarterly (2008–present).

Information Systems Research (2007–present).

Journal of Management Information Systems (2007–present).

Journal of Strategic Information Systems (2007–08).

Information and Organization (2006–08).

Management Science (2005–08).

Service to Professional Associations

Reviewer, the Annual Conference, European Conference on Information Systems (ECIS)
(2007–present).

Reviewer, the Annual Conference, Americans Conference on Information Systems (AMCIS)
(2005–present).

Reviewer, the Annual Conference, International Conference on Information Systems (ICIS)
(2003–present).

Track co-chair, Annual Conference, European Conference on Information Systems
(2011–2012).

Reviewer, the Annual Conference, Academy of Management (AOM) (2005–2010).

Professional activities that occurred prior to my employment at FSU.