

ORCUN TEMIZKAN

Assistant Professor of Management Information Systems
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EDUCATION

University of North Carolina at Charlotte	2012
Doctor of Philosophy (Ph.D.) in Business Information Systems and Operations Management	
<u>Dissertation Title:</u> Essays on Exploitation and Exploration in Software Development	
Belk College of Business Charlotte, NC, USA	
Bogazici University	2005
Bachelor of Science (B.S.) in Management Information Systems (High Honor degree)	
Istanbul, Turkey	

ACADEMIC EXPERIENCE

Assistant Professor	Current
Ozyegin University Faculty of Business, Management Information Systems Istanbul, Turkey	
Visiting Assistant Professor	1 year
Ozyegin University Faculty of Business, Management Information Systems Istanbul, Turkey	
Instructor	3 years
University of North Carolina at Charlotte Belk College of Business, Business Information Systems and Operations Management Charlotte, NC, USA	

TEACHING

- **MIS 201:** System Analysis and Design (Faculty of Business, Ozyegin University)
- **MIS 202:** Data Mining and Business Intelligence (Faculty of Business, Ozyegin University)
- **MIS 303:** Web Programming (Faculty of Business, Ozyegin University)
- **MIS 311:** Introduction to Management Information Systems (Faculty of Business, Ozyegin University)
- **MIS 101:** Introduction to Information Systems and Technologies (Faculty of Business, Ozyegin University)
- **MIS 100:** Introduction to Computing Technologies (Faculty of Business, Ozyegin University)
- **SEC 401:** Sectoral Practicum in MIS (Faculty of Business, Ozyegin University)
- **IE 384:** Information Systems (Industrial Engineering, Ozyegin University)
- **INFO 2130:** Business Computing (Faculty of Business, University of North Carolina Charlotte)

Research Interest

Open Innovation, Organization and Team Structures, Knowledge Creation in Online Communities, Social Networks, Information Systems Security, Data Analytics, Integer/Combinatorial Optimization

Journal Papers

- Temizkan, O., Saydam, C., and Park, S. “Software Diversity for Improved Network Security: Optimal Distribution of Software-Based Shared Vulnerabilities” *Information Systems Research (ISR)*, Vol. 28, No: 4, December 2017, pp. 828-849.
- Temizkan, O., and Kumar, R. L. Exploitation and Exploration Networks in Open Source Software Development: An Artifact-Level Analysis, *Journal of Management Information Systems (JMIS)*, Vol. 32, No. 1, Summer 2015, pp. 116-150.
- Temizkan, O., Kumar, R. L., Park, S. and Subramaniam, C. Patch Release Behaviors of Software Vendors in Response to Vulnerabilities: An Empirical Analysis, *Journal of Management Information Systems (JMIS)*, Vol. 28, No. 4, Spring 2012, pp. 305-337.

Work under Review

- Temizkan, O., and Kumar, R. L. “...” Under review at *the premier IS journal*.

Conference Papers

- Temizkan, O., and Kumar, R. L. Understanding Determinants of Idea Quality in On-Line Communities, Accepted by *Institute for Operations Research and the Management Sciences (INFORMS)*, Houston, Texas, USA, October 22-25, 2017.
- Temizkan, O., and Kumar, R. L. The Effect of Ambidextrous Developers on Open Source Project Success, *Institute for Operations Research and the Management Sciences (INFORMS)*, Nashville, Tennessee, USA, November 13-16, 2016.
- Temizkan, O., and Kumar, R. L. The Effect of Project Artifacts, Ambidexterity, and Social Network on Open Source Project Success, *Institute for Operations Research and the Management Sciences (INFORMS)*, Philadelphia, Pennsylvania, USA, November 1-4, 2015.
- Temizkan, O., and Kumar, R. L. The Effect of Project Artifacts, Ambidexterity, and Social Network Characteristics on Open Source Project Success, Accepted by *Americas Conference on Information Systems (AMCIS)*, Puerto Rico, August 13-15, 2015.
- Temizkan, O., Park, S., and Saydam, C. Software Diversity for Improved Network Security in the Presence of Shared Vulnerabilities, *Post-ICIS LG CNS/KrAIS Workshop*, Milan, Italy, December 18, 2013.
- Temizkan, O., and Kumar, R. L. A Social Network Analysis of Differences between Exploration and Exploitation in OSS Development, *11th Workshop on E-Business (Web)*, Orlando, Florida, USA, December 15, 2012.
- Temizkan, O., and Kumar, R. L. Exploration and Exploitation in Open Source Software Development, *Institute for Operations Research and the Management Sciences (INFORMS)*, Charlotte, North Carolina, USA, November 13-16, 2011.
- Temizkan, O., Kumar, R. L., Park, S., and Subramaniam, C. Software Vendors’ Patch Release Behaviors: Impact of Vulnerability Characteristics, *8th Workshop on E-Business (WeB)*, Phoenix, Arizona, USA, December 15, 2009. (**Best Paper Award, WeB 2009**)
- Temizkan, O., and Stylianou, A. IT Value Creation through Value Chain Processes: The Effect of CIO/TMT Engagement and Knowledge of Senior Executives, *29th Annual Research Conference of Organizational Systems Research Association (OSRA)*, Phoenix, Arizona, USA, December 15, 2009.

Work in Progress

- Temizkan, O., and Kumar, R. L. Understanding Determinants of Idea Generation in On-Line Communities.

AWARDS AND HONORS

- University of North Carolina at Charlotte, Belk College of Business Grant, Charlotte, NC, USA 2012
- University of North Carolina at Charlotte, Belk College of Business Grant, Charlotte, NC, USA 2010
- Graduate and Professional Student Government Award, University of North Carolina at Charlotte, Charlotte, NC, USA 2009
- Best Paper Award, ICIS WEB 2009, Phoenix, AZ, USA 2009
- TIAA-CREF Fellowship Award, TIAA-CREF, Charlotte, NC, USA 2007
- High Honor Certificate, Bogazici University, Istanbul, Turkey 2005
- Ranked 1st in the faculty, Bogazici University, Istanbul, Turkey 2005
- Ranked 1st in the department, Bogazici University, Istanbul, Turkey 2005

CONFERENCES AND SEMINARS

- INFORMS Annual Meeting, Nashville, TN, USA 2016
- INFORMS Annual Meeting, Philadelphia, PA, USA 2015
- ICIS Conference, Auckland, New Zealand 2014
- Decision Sciences Institute Annual Meeting, Tampa, FL, USA 2014
- ICIS LG CNS/KrAIS Workshop, Milan, Italy 2013
- ICIS Web Conference, Orlando, FL, USA 2012
- Sabanci University, IE-OPIM Joint Seminar, Business and Engineering Schools, Istanbul, Turkey 2012
- Bogazici University, Management Information Systems, Istanbul, Turkey 2012
- INFORMS Annual Meeting, Charlotte, NC, USA 2011
- ICIS Web Conference, Phoenix, AZ, USA 2009
- ICIS OSRA Conference, Phoenix, AZ, USA 2009
- University of North Carolina at Charlotte, Business School, Charlotte, NC, USA 2009

REVIEWER FOR JOURNALS

- Journal of Management Information Systems (JMIS) (Reviewed 2 papers)
- International Journal of Electronic Commerce (IJEC) (Reviewed 1 paper)

REVIEWER FOR CONFERENCES

- International Conference on Information Systems (ICIS)
- Americas Conference on Information Systems (AMCIS)
- Institute for Operations Research and the Management Sciences (INFORMS)
- Workshop on Information Technologies and Systems (WITS)
- Conference on Information Systems and Technology (CIST)
- International Conference on Information Systems, Technology and Management (ICISTM)

PROFESSIONAL MEMBERSHIP

- Member, Association of Information Systems (AIS)
- Member, Institute for Operations Research and the Management Sciences (INFORMS)
- Member, Decision Sciences Institute (DSI)
- Bogazici University Alumni Association (BUMED)