Curriculum Vitae

Doug Lundquist

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Education

August 2011	PhD-MIS, University of Illinois at Chicago

- Dissertation: "A Context-Aware Paradigm for Information Discovery and Dissemination in Mobile Environments"
- Advisors: ArisOuksel, PhD, and AshfaqKhokhar, PhD

May 2004	BS Finance, University of Illinois at Chicago

Honors and Awards

2006 – 2009	IGERT Fellow, University of Illinois at Chicago
2004 – 2008	Liautaud Scholar, Graduate School of Business, University of Illinois at Chicago

Research Experience

2006 – 2011	Development of SBSD class of ad hoc routing protocols

- Worked extensively with Java-based network and mobility simulators
- Assisted in writing NSF Grant 0743331, awarded $162,231; Principal Investigators: ArisOuksel and AshfaqKhokhar
- Research Internship, EPFL (Lausanne, Switzerland)

Teaching Experience

2009 – 2011	Instructor, Operations Management (IDS 355), University of Illinois at Chicago
2004 – 2006	Teaching Assistant, Competitive Strategy (IDS 495), University of Illinois at Chicago Introduction to Management Information Systems (IDS 100)

Journal Publications

Ouksel, A. and Lundquist, D., "Demand-Driven Publish/Subscribe in Mobile Environments," *Wireless Networks*, vol. 16, no. 8, November 2010.

Lundquist, D. and Bhattacharyya, S., "Finding Seller Quality and Quality Sellers Online: An Agent-Based Approach," *International Journal of e-Business*, vol. 6, no. 1, January-February 2008.

Conference Papers

Ouksel, A. and Lundquist, D., "Pollution Credit Trading in Vehicular Ad Hoc Networks," 18th World Congress on Intelligent Transport Systems, USDOT Connected Vehicle Technology Challenge, Orlando, October 2011.

Lundquist, D. and Ouksel, A., "Distributed Delay: Improving Network Throughput by Reducing Temporal Saturation," in *Proceedings of NTMS 2009*, Cairo, Egypt, December 2009.

Lundquist, D. and Ouksel, A., " Dynamic Subscription Permission: Extending the Depth of Demand-Controlled Flooding," in *Proceedings of IEEE APSCC*, Yilan, Taiwan, December 2008.

Lundquist, D. and Ouksel, A., "An Efficient Demand-Driven and Density-Controlled Publish/Subscribe Protocol for Mobile Environments," *DEBS 2007*, Toronto, Canada, June 2007.

Workshop Papers

Lundquist, D., "The Hidden Problem of Uninformed Online Product Reviewers," *Semantic Web Architectures for Enterprises (SWAE)*, Torino, Italy, September 2008.

Lundquist, D. and Bhattacharyya, S., "Price Dispersion in Online Markets: An Agent-Based Approach," *WeB 2006*, Milwaukee, December 2006.

Lundquist, D., Papagari, S., and Ranganathan, C., "Market Value Impacts of Dot-Com Acquisitions by Brick-and-Mortar Firms," *WeB 2005*, Las Vegas, December 2005.

Invited Presentations

Ouksel, A. and Lundquist, D., "Pollution Credit Trading in Vehicular Ad Hoc Networks," 18th World Congress on Intelligent Transport Systems, USDOT Connected Vehicle Technology Challenge, Orlando,October 2011.

Lundquist, D., Papagari, S., and Ranganathan, C., "Market Value Impacts of Dot-Com Acquisitions by Brick-and-Mortar Firms," University of Minnesota, September 2005.

Instructional Texts

Ouksel, A. and Lundquist, D., Operations Management Lab Manual (2nd Edition), *Stipes Publishing*, Champaign, 2010.

Technical Skills

- Network Simulation Software: JiST/SWANS, STRAW
- Statistical Software: Statistical Analysis Software (SAS), Minitab
- Programming Languages: C++, Java