
Peter Tarasewich

Associate Professor - Information Systems/Operations Management

INTELLECTUAL CONTRIBUTIONS:

Refereed Articles

- McMullen, P. R. & Tarasewich, P. (2006). Multi-Objective Assembly Line Balancing Via a Modified Ant-Colony Optimization Technique. *International Journal of Production Research*, 49 (1), 27-42.
- McMullen, P. R. & Tarasewich, P. (2005). A Beam-Search Method for Mixed-Model Scheduling with Setups. *International Journal of Production Economics*, 96, 273-283.
- Tarasewich, P., Pomplun, M., Fillion, S., & Broberg, D. (2005). The Enhanced Restricted Focus Viewer. *International Journal of Human-Computer Interaction*, 19 (1), 35-54.
- Strader, T., Tarasewich, P., & Nickerson, R. (2004). Introduction to Special Issue on Wireless Information Systems and Mobile Commerce: The State of Wireless Information Systems and Mobile Commerce Research. *Information Systems and e-Business Management*, 2 (4), 287-292.
- McMullen, P. R. & Tarasewich, P. (2003). Using Ant Techniques to Solve the Assembly Line Balancing Problem. *IIE Transactions*, 35, 605-617.
- Nair, S. K. & Tarasewich, P. (2003). A Model and Solution Method for Multiperiod Sales Promotion Design. *European Journal of Operational Research*, 150 (3), 672-687.
- Tarasewich, P. (2003). Designing Mobile Commerce Applications. *Communications of the ACM*, 46 (12), 57-60.
- Daniel, H. Z., Griffin, H.E., & Tarasewich, P. (2002). Castlerock Veterinary Clinic. *Case Research Journal*, 19 (3), 19-34.
- Tarasewich, P. & Warkentin, M. (2002). Information Everywhere. *Information Systems Management*, 19 (1), 8-13.
- Tarasewich, P., Nickerson, R.C., & Warkentin, M. (2002). Issues in Mobile E-Commerce. *Communications of the AIS*, 8, 41-64.
- Tarasewich, P. & McMullen, P.R. (2002). Swarm Intelligence: Power in Numbers. *Communications of the ACM*, 45 (8), 62-67.

Refereed Proceedings

Full Paper

- Gong, J. & Tarasewich, P. (2006). A New Error Metric for Text Entry Method Evaluation. *Conference on Human Factors in Computing Systems*, 471-474.
- Gong, J. & Tarasewich, P. (2005). Alphabetically Constrained Keypad Designs for Text Entry on Mobile Devices. *Conference on Human Factors in Computing Systems*, 211-220.
- Gong, J. & Tarasewich, P. (2005). Testing Predictive Text Entry Methods with Constrained Keypad Designs. *International Conference on Human-Computer Interaction*.

- Grimes, A. & Tarasewich, P. (2005). Investigating Privacy-Augmented Displays for Mobile Devices. *International Conference on Human-Computer Interaction*.
- Haggerty, B. & Tarasewich, P. (2005). Text Entry with a Touch-Point Stylus Method. *International Conference on Human-Computer Interaction*.
- Campbell, C. S. & Tarasewich, P. (2004). What Can You Say With Three Pixels? *International Conference on Human Computer Interaction with Mobile Devices and Services*, 1-12.
- Gong, J. & Tarasewich, P. (2004). Guidelines for Handheld Device Interface Design. *Decision Science Institute*, 3751-3756.
- Isaac, H., Nickerson, R.C., & Tarasewich, P. (2004). Cell Phone Use in Social Settings: Preliminary Results from a Study in the United States and France. *Decision Science Institute*, 4791-4796.
- Tarasewich, P. & Fillion, S. (2004). Discount Eye-Tracking: The Enhanced Restricted Focus Viewer. *Americas Conference on Information Systems*, 3149-3157.
- Tarasewich, P. & Campbell, C.S. (2004). Creating Notification Cues for Mobile Response Teams. *Decision Science Institute*, 2981-2986.
- Tarasewich, P. & Dideles, M. (2003). Towards a Framework for Information Needs in Mobile Environments. *Northeast DSI Conference*, 216-218.
- Tarasewich, P. (2003). Evaluation of a Text Entry Method for Handheld Devices. *International Conference on Human-Computer Interaction*, 2, 288-292.
- Tarasewich, P. (2003). Towards a Comprehensive Model of Context for Mobile and Wireless Computing. *Americas Conference on Information Systems*, 114-124.
- Tarasewich, P., Campbell, C.S., Xia, T., & Dideles, M. (2003). Evaluation of Visual Notification Cues for Ubiquitous Computing. *International Conference on Ubiquitous Computing*, 349-366.
- Broderick, M. A., Gibson, V.R., & Tarasewich, P. (2002). Statutes of Fraud Requirements: A Comparison of Australia's Electronic Transaction Act of 1999 and U.S. ECommerce Laws. *Decision Science Institute*, 617-621.

Abstract Only

- Gong, J., Tarasewich, P., Hafner, C., & MacKenzie, R.S. (2007). Improving Disambiguation Accuracy for Dictionary-Based Disambiguation Text Entry Methods by Co-Occurrence Based Semantic Information. *Conference on Human Factors in Computing Systems*.
- Conlan, R. & Tarasewich, P. (2006). Improving the Password Selection Mechanism. *Symposium on Usable Privacy and Security*.
- Conlan, R. & Tarasewich, P. (2006). Improving Interface Design to Help Users Choose Better Passwords. *Conference on Human Factors in Computing Systems*, 652-657.
- Tarasewich, P., Gong, J., & Conlan, R. (2006). Protecting the Privacy of Displayed Information. *Symposium on Usable Privacy and Security*.
- Tarasewich, P., Gong, J., & Conlan, R. (2006). Protecting Private Data in Public. *Conference on Human Factors in Computing Systems*, 1409-1414.
- Gong, J., Haggerty, B., & Tarasewich, P. (2005). An Enhanced Multitap Text Entry Method with Predictive Next-Letter Highlighting. *Conference on Human Factors in Computing Systems*, 1399-1402.
- Tarasewich, P. & Campbell, C.S. (2005). What Are You Looking At? *Symposium on Usable Privacy and Security*.
- Campbell, C. S. & Tarasewich, P. (2004). Designing Visual Notification Cues for Mobile Devices. *Conference on Human Factors in Computing Systems*, 1199-1202.
- Tarasewich, P., Bhimdi, T., & Dideles, M. (2004). Testing Visual Notification Cues on a Mobile Device. *Conference on Human Factors in Computing Systems*, 1562.
- Tarasewich, P., Bhimdi, T., & Dideles, M. (2004). Increasing the Effectiveness of Notification Cues in Mobile Environments. *Americas Conference on Information Systems*, 3201-3204.

- Tarasewich, P. & Campbell, C.S. (2004). User Customization of Three-Pixel Displays. *International Conference on Ubiquitous Computing*.
- Tarasewich, P. (2003). Evaluation of Thumbwheel Text Entry Methods. *Conference on Human Factors in Computing Systems*, 756-757.

Invited Articles/Reviews

- Pratyush, B. & Tarasewich, P. (2002). Global Perceptions of Journals Publishing Electronic Commerce Research. *Communications of the ACM*, 45 (5), 21-26. (Invited)

Book Chapters

Refereed

- Tarasewich, P., (2002). Wireless Devices for Mobile Commerce: User Interface Design and Usability. In B. E. Mennecke and T. J. Strader (Ed.) *Mobile Commerce: Technology, Theory, and Applications*, (pp. 26-50). Hershey, PA: Idea Group Publishing.

Presentation of Refereed Papers

International

- Grimes, A., Tarasewich, P., & Campbell, C. S. (2005). *Keeping Information Private in the Mobile Environment*. Presented at Conference on Human Factors in Computing Systems, Portland, Oregon.
- Tarasewich, P. & Campbell, C. S. (2004). *Towards Notifications for Mobile Response Teams*. Presented at International Conference on Mobile Systems, Applications, and Services, Boston, Massachusetts.
- Tarasewich, P. & Campbell, C. S. (2004). *Privacy and Security through Pixels*. Presented at International Conference on Ubiquitous Computing, Nottingham, United Kingdom.
- Tarasewich, P. & Campbell, C. S. (2004). *Input and Output on Ultra-Mobile Devices*. Presented at International Conference on Human-Computer Interaction with Mobile Devices and Services, Glasgow, Scotland.
- Tarasewich, P. (2003). *Notifications and Information Retrieval in Ubiquitous Environments*. Presented at International Conference on Ubiquitous Computing, Seattle, Washington.
- Tarasewich, P. (2002). *Notification Cues for New Workplace and Social Settings*. Presented at International Conference on Ubiquitous Computing, Goteborg, Sweden.