IAAI-11 Accepted Paper List

Deployed Application Papers

4: NewsFinder: Automating an Artificial Intelligence News Service
Liang Dong, Reid G. Smith, Bruce Buchanan

44: The Glass Infrastructure: Using Common Sense to Create a Dynamic, Place-Based Social Information System
Catherine Havasi, Richard Borovoy, Boris Kizelshteyn, Polychronis Ypodimatopoulos, Jon Ferguson, Henry Holtzman, Andrew Lippman, Dan Schultz, Matthew Blackshaw, Greg Elliott, Chaki Ng

49: Learning by Demonstration Technology for Military Planning and Decision Making: A Deployment Story
Karen Myers, Jake Kolojejchick, Carl Angiolillo, Tim Cummings, Tom Garvey, Melinda Gervasio, Will Haines, Chris Jones, Janette Knittel, David Morley, William Ommert, Scott Potter

9: The News that Matters to You Design and Deployment of a Personalized News Service
Mark J. Stefik, Lance Good

31: Machine Learning and Sensor Fusion for Estimating Continuous Energy Expenditure
Nisarg Vyas, Jonathan Farringdon, David Andre and John (Ivo) Stivic

Emerging Application Papers

42: Testing Cyber Security with Simulated Humans
Jim Blythe, Aaron Botello, Joseph Sutton, David Mazzoco, Jerry Lin, Marc Spraragen, Michael Zyda

5: A Machine Learning Based System for Semi-Automatically Redacting Documents
Chad Cumby, Rayid Ghani

35: Online Planning to Control a Packaging Infeed System
Minh Do, Lawrence Lee, Rong Zhou, Lara Crawford, Serdar Uckun

36: The Stock Sonar — Sentiment Analysis of Stocks Based on a Hybrid Approach
Ronen Feldman, Benjamin Rosenfeld, Roy Bar-Haim, Moshe Fresko

38: Learning a Skill-Teaching Curriculum with Dynamic Bayes Nets
Derek T. Green, Thomas J. Walsh, Paul R. Cohen

10: Hybrid Qualitative Simulation of Military Operations
Thomas Hinrichs, Kenneth Forbus, Johan de Kleer, Sungwook Yoon, Eric Jones, Robert Hyland, Jason Wilson

32: Detecting Falls with Location Sensors and Accelerometers
Mitja Lustrek, Hristijan Gjoreski, Simon Kozina, Bozidara Cvetkovic, Violeta Mirchevska, Matjaz Gams

40: Emerging Applications for Intelligent Diabetes Management
Cindy Marling, Matthew Wiley, Razvan Bunescu, Jay Shubrook, Frank Schwartz

20: Designing Resilient Long-Reach Passive Optical Networks
Deepak Mehta, Barry O’Sullivan, Luis Quesada, Marco Ruffini, David Payne, Linda Doyle
46: Monitoring Entities in an Uncertain World: Entity Resolution and Referential Integrity
Steven N. Minton, Sofus A. Macskassy, Peter LaMonica, Kane See, Craig A. Knoblock, Greg Barish, Matthew Michelson, Raymond Liuzzi

3: Abductive Inference for Combat: Using SCARE-S2 to Find High-Value Targets in Afghanistan
Paulo Shakarian, Margo K. Nagel, Brittany E. Schuetzle, V. S. Subrahmanian

15: Automatically Mapping Natural Language Requirements to Domain-Specific Process Models
Uthayashankar Thayasivam, Kunal Verma, Alex Kass, Reymonrod Vasquez

24: Modeling Player Retention in Madden NFL 11
Ben G. Weber, Michael John, Michael Mateas, Arnav Jhala

8: Accelerating the Discovery of Data Quality Rules: A Case Study
Peter Z. Yeh, Colin A. Puri, Mark Wagman, Ajay K. Easo