



Association for Information Systems

The premier global organization for academics specializing in Information Systems.

Special Interest Group on Agent-Based Information Systems

SIGABIS Track at: AMCIS Americas Conference on Information Systems 2005, August 11-15, Omaha, NE

<http://amcis2005.isga.unomaha.edu/>

Track: "Intelligent Agent and Multi-Agent Systems in Business"

SIGABIS is proud to support a mini-track on agent-based information systems at AMCIS 2005, which is chaired by Vijay Sugumaran (Oakland University, Rochester, MI; sugumara@oakland.edu) and Stefan Kirn (University of Hohenheim, Stuttgart, Germany; kirn@uni-hohenheim.de). Vijayan and Stefan are organizing this event for the fifth time.

SIGABIS @ AMCIS 05, Omaha, NE

ABIS 1: INTERFACE AND LEARNING AGENTS

Chair: Victoria Yoon, UMBC

"Learning Agents For Dynamic Supply Network Management,"

Gavin R. Finnie, Bond University, Jeff Barker, Bond University

"An Exploratory Investigation of the Self Serving Biases of Interface Agent Users,"

Alexander Serenko, Mihail Cocosila, all DeGroote School of Business, McMaster University

"Natural Language Interface for a Multi Agent System,"

Victoria Yoon, UMBC, Bonnie Rubenstein Montano, Georgetown University, Teresa Wilson, UMBC, Stuart Lowry, Science Applications Int. Corp.

ABIS 2: AGENT-BASED APPLICATION DEVELOPMENT

Chair: Vijayan Sugumaran, Oakland University

"The ADAPT Toolkit-Supported Engineering Process For Agent Based Applications,"

Rainer Herrler, University of Würzburg, Christian Heine, University of Hohenheim

"Agent Enabled Composition Of Services Bundles For M-Commerce Applications,"

Thomas Leary, Al Salam, Rahul Singh, all University of North Carolina

"Development of a Web Service Agent-based Family Wealth Management System,"

Shijia Gao, Dongming Xu, Yingfeng Wang, Huaiqing Wang, all City University of Hong Kong

ABIS 3: PRIVACY, TRUST, SIMULATION, AND AGENTS

Chair: Dawn Jutla, St. Mary's University



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"Privacy Agents and Ontology for the Semantic Web,"

Dawn N. Jutla, Saint Mary's University, Liming Xu, Dalhousie University

"A Conceptual Trust Framework for Semantic Web Agents,"

Todd Kowalczyk, The Hartford, Gregory W. Hislop, Drexel University, Heidi J. C. Ellis, Rensselaer at Hartford

"Agent Based Modeling and Simulation of Causal Maps,"

Douglas A. Druckenmiller, William Acar, Marvin Troutt, all Kent State U

ABIS 4: AGENT-BASED ONLINE AUCTION AND NEGOTIATION

Chair: YongSeog Kim, U of Iowa

"Bidding Agents in Online Auctions: What are they doing for the principal?"

Gilbert G. Karuga, University of Kansas, Sasidhar Maganti, University of Kansas

"Bilateral Price Negotiations by Software Agents - A Model for Measuring Marketplace-Related Negotiation Behavior,"

Stefan Sackmann, University of Freiburg, Germany

"An Optimal Auction Infrastructure Design: An Agent-based Simulation Approach,"

Yongseog Kim, Utah State University



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