



### **ADMI-12 Workshop Program**

09:00-09:20

Andreas Symeonidis and Pericles Mitkas. Supporting Agent-Oriented Software Engineering for Data Mining enhanced Agent development

09:20-09:40

Xinhua Zhu, Yaxin Yu, Yuming Ou, Dan Luo and Chengqi Zhang. System Modeling of a Smart-home Healthy Lifestyle Assistant

09:40-10:00

Vladimir Gorodetsky. Agents and Distributed Data Mining in Smart Space: Challenges and Perspectives

10:00-10:20

Preetinder Kaur, Madhu Goyal and Jie Lu. A Proficient and Dynamic Bidding Agent for Online Auctions

**10:20-10:50 morning coffee break**

**10:50-11:30 Invited Talk by Victor Lessor, University of Massachusetts Amherst, USA**

**Title: Organizational Control for Data Mining with Large Numbers of Agents**

11:30-11:50

Wei Cao, Cheng Wang and Longbing Cao. Trading Strategy Based Portfolio Selection for Actionable Trading Agents

11:50-12:10

Mahdi Azmandian, Karan Singh, Ben Gelsey, Yu-Han Chang and Rajiv Maheswaran. Following Human Mobility Using Tweets

12:10-12:30

Yifeng Zeng, Hua Mao, Fan Yang and Jian Luo. An Optimization Approach to Believable Behavior in Computer Games

12:30-12:50

Rui Henriques, Ana Paiva and Claudia Antunes. On the need of new methods to mine electrodermal activity in emotion-centered studies

**13:00-14:20 lunch break**

**14:20-15:00 Invited Talk by Wolfgang Ketter, Erasmus University Rotterdam, Netherlands**

**Title: Competitive Benchmarking: Lessons learned from the Trading Agent Competition**

15:00-15:20

Xiangrong Tong, Wei Zhang and Houkuan Huang. Subjectivity and Objectivity of Trust

15:20-15:40

Murat Sensoy, Burcu Yilmaz and Timothy Norman. Discovering Frequent Patterns to Bootstrap Trust

15:40-16:00

Rong Pan, Peter Dolog and Guandong Xu. KNN-based Clustering for Improving Social Recommender Systems

**16:00-16:30 afternoon coffee break**

16:30-16:50

Arman Noroozian, Mathijs de Weerd and Cees Witteveen. Incentivizing Cooperation in P2P File Sharing - Indirect Interaction as an Incentive to Seed

16:50-17:10

Yaxin Yu, Xinhua Zhu, Miao Li, Guoren Wang and Dan Luo. A Probabilistic Model Based on Uncertainty between Topic and Term for Data Clustering in Dataspace

17:10-17:30

Arjan Stoter, Simon Dalmolen and Wico Mulder. Agent-Mining of Grid Log-Files: A Case Study

17:30-17:50

Ondrej Kazík and Roman Neruda. Role-Based Management and Matchmaking in Data-Mining Multi-Agent Systems

17:50-18:10

Wenjia Niu. An Agent Collaboration-based Data Hierarchical Caching Approach for HD Video Surveillance

18:10-18:30 Panel Discussion (TBD)