

Feyza Merve Hafizođlu

CONTACT INFORMATION

PhD Student
Department of Computer Science
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RESEARCH INTERESTS

Multiagent systems: trust, human-agent teamwork, agent-based modeling, coalition formation, cooperation, opinion dynamics, distributed resource allocation

EDUCATION

University of Tulsa, Tulsa, OK

Ph.D., Computer Science,

- Dissertation: *Evaluating Trust levels in Human-Agent Teamwork in Virtual Environments*
- Advisor: Dr. Sandip Sen

Bođaziđi University, İstanbul, Turkey

M.S., Systems & Control Engineering, January 2010

- Thesis: *The Effect of Trust and Team Personality on Multiagent Teamwork Performance*
- Advisor: Dr. Pınar Yolum

B.S., Computer Engineering, February 2007

- Senior Project: *Automatic Adaptation of BPEL Processes Using Semantic Rules: Design and Development of a Loan Approval System*
- Advisor: Dr. Pınar Yolum

PUBLICATIONS

- [1] **Hafizođlu, F.M.**, and S. Sen. Evaluating Trust Levels in Human-agent Teamwork in Virtual Environments. In: *AAMAS-2015 Workshop on Human-Agent Interaction Design and Models (HAIDM 2015)*, pages 1–16, Istanbul, Turkey, 2015.
- [2] **Hafizođlu, F.M.**, and S. Sen. Analysis of Fairness and Incentives of Profit Sharing Schemes in Group Buying. In: *S. Ceppi, E. David, V. Podobnik, V. Robu, O. Shehory, S. Stein, I.A. Vetsikas (Ed.) Agent-mediated Electronic Commerce, Designing Trading Strategies and Mechanisms for Electronic Markets*, Vol:187, pages 70–83, Springer, 2014.
- [3] **Hafizođlu, F.M.**, and R. Mailler. Decentralized Telescope Management for Satellite Tracking. In: *The 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT)*, pages 383–390, Atlanta, GA, USA, 2013.
- [4] **Hafizođlu, F.M.**, and S. Sen. Analysis of Fairness and Incentives of Profit Sharing Schemes in Group Buying. In: *AAMAS-2013 Workshop on Agent-Mediated Electronic Commerce (AMEC XV)*, pages 73–86, Saint Paul, MN, USA, 2013.
- [5] **Hafizođlu, F.M.**, and R. Mailler. Telescope Management for Satellite Tracking: A Decentralized Approach. In: *Proc. 12th Int. Conference on Autonomous Agents & Multi-Agent Systems (AAMAS)*, pages 1213–1214, Saint Paul, MN, USA, 2013.

- [6] Chatterjee, S., **Hafizoğlu, F.M.**, and S. Sen. Predicting Migration and Opinion Adoption Patterns in Agent Communities. In: *Proc. 12th Int. Conference on Autonomous Agents & Multi-Agent Systems (AAMAS)*, pages 1287–1288, Saint Paul, MN, USA, 2013.
- [7] **Hafizoğlu, F.M.**, and S. Sen. Analysis of Social Norm Emergence Through Migration and Adoption in Agent Communities. In: *Principles and Practice of Multi-Agent Systems (PRIMA)*, pages 153–167, Kuching, Malaysia, 2012.
- [8] **Hafizoğlu, F.M.**, and S. Sen. Patterns of Migration and Adoption of Choices By Agents in Communities. In: *Proc. 11th Int. Conference on Autonomous Agents & Multi-Agent Systems (AAMAS)*, pages 1349–1350, Valencia, Spain, 2012.
- [9] **Hafizoğlu, F.M.**, and P. Yolum. Composing Trust: An Effective Trust Model for Multiagent Teamwork. In: *12th International Workshop on Trust in Agent Societies at the 8th International Conference on Autonomous Agents & Multi-Agent Systems (AAMAS)*. Budapest, Hungary, 2009.
- [10] **İşık, F.M.**, Taştan, B., and P. Yolum. Automatic Adaptation of BPEL Processes Using Semantic Rules: Design and Development of a Loan Approval System. In: *Workshop on Data Mining and Business Intelligence at IEEE 23rd International Conference on Data Engineering (ICDE)*, pages 944–951, İstanbul, Turkey, 2007.
- THESIS [11] **Hafizoğlu, F.M.**, The Effect of Trust and Team Personality on Multi-agent Teamwork Performance. M.Sc. Thesis, Boğaziçi University, 2010.

ACADEMIC
EXPERIENCE

Department of Computer Science, University of Tulsa, Tulsa, OK

Teaching Assistant

August 2010 to May 2014

- CS2003: Fundamentals of Algorithms and Computer Applications (Fall 2010, Fall 2011, Spring 2012, Fall 2012, Spring 2013)
- CS2503: Scientific Programming (Spring 2011, Spring 2014)
- CS1043: Programming and Problem Solving (Spring 2012, Fall 2013)

Research Assistant (for Dr. Roger Mailler)

Summer 2011 and Summer 2012

- Development of Satellite Tracking Framework (Summer 2011)
- Distributed Constraint Optimization of Telescope Scheduling (Summer 2012)

PROFESSIONAL
EXPERIENCE

Vadi Information Systems, İstanbul, Turkey

Software Engineer

October 2006 to February 2008

Intern

August 2005

IBM Turk, International Global Services, İstanbul, Turkey

Intern

July 2005

AWARDS, HONORS

- Bellwether Fellowship by the University of Tulsa (2014-2015)
- Graduate Teaching Assistantship by the University of Tulsa (2010-2013)
- AAMAS Travel Grant by National Science Foundation (NSF) (2012, 2013)
- Chapman Travel Grant by University of Tulsa (2012)
- The Scientific and Technological Research Council of Turkey (TUBITAK), Scholarship for MS Study (2007)

- Full Abroad Education Scholarship given by Ministry of Education of Turkey Republic (2002)
- Ranked 149th in the Nationwide University Examination among 1.5 million students (2002)
- Ranked 1st in graduation from high school (2002)

SKILLS

- *Languages:* Turkish(native), English (fluent)
- *Technical:* Experienced in programming in Java, Matlab

REFERENCES

Available upon request