

İlker Yıldırım

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Personal

Born on October 15, 1985.

Turkish Citizen.

Research Interests

Human perceptual and cognitive learning, multisensory perception, probabilistic modeling.

Education

Ph.D. Brain & Cognitive Sciences, University of Rochester, 2009-present.

Advisor: Prof. Robert Jacobs

M.S. Computer Science, Bogazici University, 2007-2009.

Thesis title: Cooperative Sign Language Tutoring: A Multiagent Approach

Advisor: Assoc. Prof. Pinar Yolum

Summer School, 10th European Agents Systems Summer School, 2008, New University of Lisbon.

B.S. Computer Science, *with honors*, Bogazici University, 2003-2007.

Senior project: Hybrid Models for Achieving and Maintaining Cooperative Symbiotic Groups

Advisor: Assoc. Prof. Pinar Yolum

Professional service

Conference program committee

11th European Agent Systems Summer School, Student Session, 2009.

Awards

Best paper award, Engineering Societies in the Agents' World X, 2009, for "Cooperative sign language tutoring: A multiagent approach", with Pinar Yolum, Oya Aran, and Lale Akarun.

Travel grant, The Scientific and Technological Research Council of Turkey. 2008.

Ranked 95th in Turkey's national university entrance examination. 2003.

Publications

Journal Articles

İ. Yıldırım, R.A. Jacobs. A Rational Approach to the Acquisition of Multisensory Representations, (in press). *Cognitive Science*.

İ. Yıldırım, P. Yolum. Hybrid Models for Achieving and Maintaining Cooperative Symbiotic Groups, 2009, *Mind & Society* 8(2), 243–258.

Proceedings

İ. Yıldırım, R. A. Jacobs. A Bayesian Nonparametric Approach to Multisensory Perception. 2010. In Proceedings of the Thirty-Second Annual Conference of the Cognitive Science Society.

İ. Yıldırım, O. Aran, P. Yolum, L. Akarun. Cooperative Sign Language Tutoring: A Multiagent Approach. 2009. In Proceedings of Engineering Societies in Agents' World X, LNAI 5881, 213–228.

İ. Yıldırım, P. Yolum. Hybrid Models for Achieving and Maintaining Collaborative Symbiotic Groups. 2008. In Proceedings of 5th European Social Simulation Association Conference.

İ. Yıldırım. A Cooperative Multiagent Architecture for Turkish Sign Tutors. 2008. In Proceedings of the Student session of 10th European Agent Systems Summer School.

Posters

İ. Yıldırım, H. Bingol. Cooperation with Complement is Better. 2009. Physics of Conflict and Competition meeting.

Conference Presentations

A Cooperative Multiagent Architecture for Turkish Sign Language Tutors. 2008. 10th European Agent Systems Summer School, Lisbon, Portugal.

Hybrid Models for Achieving and Maintaining Collaborative Symbiotic Groups. 2008. 5th Conference of European Social Simulation Association, Brescia, Italy.

Languages

Turkish (native), English (fluent), Java, Matlab, Latex, Lisp, C.

Departmental Service

BCS Lunch Talks Coordinator, 2010-2011, Department of Brain & Cognitive Sciences, University of Rochester.

Member of Student Representatives Assembly, Department of Computer Engineering, Bogazici University, 2005-2007.