

Publications and Presentations of Dr. Tuncer Ören on:

**Cognitive and Emotive Simulations:
Personality, Emotions, Perception-Anticipation**

updated: 2012-04-27

(Meetings include conferences/symposia/tracks of sessions organized/invited/participated – no publications)

		0	1	2	3	4	5	6	7	8	9	total
2000s	publications				2	3	3	4	4	2	4	22
	meetings					1		1				2
2010s	publications	1	3									4
	meetings											

publications	26
meetings	2
total	28

2003

Ören, T.I. and Ghasem-Aghaee, N. (2003). [Personality Representation Processable in Fuzzy Logic for Human Behavior Simulation](#), Proceedings of the 2003 Summer Computer Simulation Conference, Montreal, PQ, Canada, July 20-24, 2003, pp. 11-18. ([presentation](#)) ([at SCS digital library](#))

Ghasem-Aghaee, N. and Ören, T.I. (2003). [Towards Fuzzy Agents with Dynamic Personality for Human Behavior Simulation](#), Proceedings of the 2003 Summer Computer Simulation Conference, Montreal, PQ, Canada, July 20-24, 2003, 3-10. ([presentation](#)) ([at SCS digital library](#))

2004

Ghasem-Aghaee, N. and Ören, T.I. (2004). [Effects of Cognitive Complexity in Agent Simulation: Basics](#), Proceedings of [SCSC 2004](#) - Summer Computer Simulation Conference, July 25-29, 2004, San Jose, CA., pp. 15-19. ([presentation](#)). ([at SCS digital library](#))

Yilmaz, L. and Ören, T.I. (2004). Towards Simulation-based, Problem-solving Environments for Conflict Management in Computational Social Science, Proceedings of [Agent 2003](#) - The Agent 2003 Conference on Challenges in Social Simulation, Chicago, Illinois, October, 2-4, 2003, pp. 25-37.

Ören, T.I. and L. Yilmaz (2004). [Behavioral Anticipation in Agent Simulation](#), Proceedings of [WSC 2004](#) - Winter Simulation Conference, Washington, D.C., December 5-8, 2004, pp. 801-806. ([presentation](#))

2004 September 1-31, Marseille, France

[LSIS](#) Laboratoire des Sciences de l'information et des Systèmes, Université Paul Cézanne – Aix Marseille 3

Visiting professor

Invited Presentation:

- Personality Knowledge and Cognitive Complexity for Human Behavior Simulation with Software Agents ([presentation](#)) (September 9, 2004)

2005

- Ghasem-Aghae, N., Kaedi, M., T.I. Ören (2005). [Effects of Cognitive Complexity in Agent Simulation: Fuzzy Rules and an Implementation](#). In: Proceedings of: [CM&SC](#) - Conceptual Modeling and Simulation Conference 2005, within [I3M'2005](#) - International Mediterranean Multiconference, October 20-22, 2005, Marseille, France, SCS, San Diego, CA. ([presentation](#))
- Santoni, C, J.M. Mercantini, M.F.Q.V. Turnell and T.I. Ören (2005). Improved System Safety Through Agent-Supported User/System Interfaces: Effects of Operator Behavior Model and Quality Criteria. [Agent-Directed Simulation Symposium](#) of the Spring Simulation Multiconference (SMC'05), Dan Diego, CA, April 2005, pp. 86-93.
- Seck, M., C. Frydman, N. Giambiasi, T.I. Ören, and L. Yilmaz (2005). [Use of a Dynamic Personality Filter in Discrete Event Simulation of Human Behavior under Stress and Fatigue](#). 1st International Conference on [Augmented Cognition](#), July 22-27, 2005, Las Vegas, Nevada.

2006

- Kazemifard, M., Ghasem-Aghae, N., and T.I. Ören (2006). An Event-based Implementation of Emotional Agents. Proc. Summer Simulation Conference, Calgary, Canada, pp. 63-67.
- Saple, A., L. Yilmaz, and T.I. Ören (2006). An Agent-based Simulation Study of Anticipatory and Adaptive Fault Management in Computer Networks. Proc. Summer Simulation Conference, Calgary, Canada, pp. 11-18.
- Yilmaz, L., T.I. Ören, and N. Ghasem-Aghae (2006). Simulation-Based Problem Solving Environments for Conflict Studies: Toward Exploratory Multisimulation with Dynamic Simulation Updating. *Simulation, and Gaming Journal*. [vol. 37, issue 4, pp. 534-556](#). DOI (Digital Object Identifier): 10.1177/1046878106292537.
- Ghasem-Aghae, N., M. Kaedi, L. PoorMohamadBagher, and T.I. Ören (2006). Personality and Emotions in Agent Simulation: Fuzzy Rules and and Implementation. Research in Interactive Design – vol. 2, D. Coutellier and X. Fisher (eds.) Proceedings of Virtual Concept 2006, Playa Del Carmen, Mexico, Nov. 26 - Dec. 1, Springer-Verlag.
- 2006 September 22 - October 23, Barcelona, Spain
University of Barcelona (Universitat Autònoma de Barcelona)
A series of [invited doctoral lectures](#) (Barcelona Lectures):
Lecture 5 - Agent-directed simulation and agents with dynamic personalities

2007

- Ghasem-Aghae, N., L. PoorMohammadBagher, M. Kaedi, and T.I. Ören, (2007). Anger Filter in Agent Simulation of Human Behavior, Proc. of the 18th IASTED International Conference on Modelling and Simulation, May 30 - June 1, 2007, Montreal, Quebec, Canada.
- Yilmaz L. and T.I. Ören (2007-Invited paper). On Multiresolution Simulation Modeling of Team and Human Behavior for Software Process Design. Proceedings of the Tenth World Conference on Integrated Design and Process Technology ([IDPT](#)). June 3-8, 2007, Antalya, Turkey.
- Ghasem-Aghae, N. and T.I. Ören, (2007). [Cognitive Complexity and Dynamic Personality in Agent Simulation](#), *Computers in Human Behavior* (Elsevier), Volume 23, Issue 6 (November 2007), pp. 2983 - 2997. doi: 10.1016/j.chb.2006.08.012.

2008

- Mazadi, Z., Ghasem-Aghae, N., and T.I. Ören (2008). [Prelude to Cultural Software Agents: Cultural Backgrounds in Agent Simulation](#). Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM, pp. 135-142.

Ghasem-Aghaee, N., S. Fatahi, and T.I. Ören (2008). Agents with personality and emotional filters for an e-learning environment. Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM. Article No. 5.

2009

Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören (2009). [Agents with Ability to Understand Emotions](#). In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA, pp. 254-260.

Ghasem-Aghaee, N., B. Khalesi, M. Kazemifard, and T.I. Ören (2009). Anger and Aggressive Behavior in Agent Simulation. In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA, pp. 267-274.

Ören, T.I., L. Yilmaz, M. Kazemifard, and N. Ghasem-Aghaee (2009). [Multi-understanding: A Basis for Switchable Understanding for Agents](#). In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA, pp. 395-402.

PoorMohamadBagher, L., M. Kaedi, N. Ghasem-Aghaee, and T.I. Ören (2009). Anger Evaluation for Fuzzy Agents with Dynamic Personality. In: Mathematical and Computer Modelling of Dynamical Systems (MCMDS), Vol. 15, issue 6, Dec., pp. 535-553. (DOI:10.1080/13873950903139585. First Published on: 21 August 2009.)

2010

Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören (2010). Emotive and Cognitive Simulations by Agents: Roles of Three Levels of Information Processing. Cognitive Systems Research. doi:10.1016/j.cogsys.2010.10.002 . pre publication.

2011

Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören (2011). Design and Implementation of GEmA: A Generic Emotional Agent. Expert Systems with Applications. Expert Systems with Applications 38 (2011) 2640–2652. Online publication complete: 29-SEP-2010 at: <http://dx.doi.org/10.1016/j.eswa.2010.08.054>. DOI information: 10.1016/j.eswa.2010.08.054

Ören, T.I. and L. Yilmaz (2011). Semantic Agents with Understanding Abilities and Factors Affecting Misunderstanding. In: A. Elci, M.T. Traore, and M.A. Orgun (eds.) Semantic Agent Systems: Foundations and Applications, Springer-Verlag

Kazemifard, M., N. Ghasem-Aghaee, B. Koenig, and T.I. Ören (2011–In Press). Toward Effective Emotional Intelligence Simulation: Modeling Understanding Ability for Emotive Agents. Proc. of the 4th ICCS - International Conference of Cognitive Science, 2011 May 10-12, Tehran, Iran.