

Publications and Presentations of Dr. Tuncer Ören on:

Human Behavior Simulations:

(Personality, Emotions, Perception, Anticipation, Culture, Civilization)

(Please click on [ethics](#) and [understanding](#), for detailed lists on relevant publications and presentations)

updated: 2015-09-22

	0	1	2	3	4	5	6	7	8	9	total	
Some statistics	2000s	2		5	2	4	4	5	3	3	3	31
(in press, submitted, in preparation)	2010s	1	2	2	3	1	1					10
												41

- 2000** Ören, T.I. (2000 - Invited contribution). Verantwortung, Ethik und Simulation. (In English: Responsibility, Ethics, and Simulation). In: R. Rimane (ed.) Gedanken zur Zeit. Translated from the original in English into German by: G. Horton. SCS Europe BVBA, Ghent, Belgium. pp. 213-224. (Based on an early version which was an invited presentation at a Symposium on Simulation and Ethics, held in Wageningen, The Netherlands, July 2, 1999)
- Ören, T.I. (2000). Responsibility, Ethics, and Simulation. Transactions of the SCS, San Diego, CA. (An early version was translated and published in German - cited as 200-01), 17:4 (Dec.), 165-170. (presentation)
- 2002** Ören, T.I. (2002 - Invited Plenary Paper). Ethics as a Basis for Sustainable Civilized Behavior for Humans and Software Agents. Acta Systemica, 2:1, 1-5.
will also be published in the Proceedings of the InterSymp 2002 - The 14th International Conference on Systems Research, Informatics and Cybernetics of the IIAS, July 29 - August 3, Baden-Baden, Germany. (presentation)
- Ören, T.I. (2002 - Invited Paper). In Search of a Value System for Sustainable Civilization: Ethics and Quality. Special Focus Symposium (within InterSymp 2002) on: Cognitive, Emotive and Ethical Aspects of Decision Making and Human Actions, August 1-2, Baden-Baden, Germany, pp. 69-72. (presentation).
- Ören, T.I., M.S. Elzas, I. Smit, and L.G. Birta (2002). [A Code of Professional Ethics for Simulationists](#). Proceedings of the 2002 Summer Computer Simulation Conference, pp. 434-435. (presentation). (at SCS digital library)
- Ören, T.I. (2002). [Rationale for A Code of Professional Ethics for Simulationists](#). Proceedings of the 2002 Summer Computer Simulation Conference, pp. 428-433. (presentation).
- Ören, T.I. (2002 - Invited Plenary Paper). Growing Importance of Modelling and Simulation: Professional and Ethical Implications. Proceedings of the Asian Simulation Conference / the 5th International Conference on System Simulation and Scientific Computing, Cheng, Zongji et al., eds., Nov. 3-6, 2002, Shanghai, China. International Academic Publishers / Beijing World Publishing Corp. Vol.1, pp. 22-26. (presentation).
- 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
 Invited Presentation:
 - Personality Knowledge and Cognitive Complexity for Human Behavior Simulation with Software Agents ([presentation](#)) (September 9, 2004)
- 2005** Ghasem-Aghaee, 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.
- 2005 June 16-17, Ile de Porquerolles, France
 Journées du [LSIS](#) - Laboratoire des Sciences de l'Information et des Systemes
Invited Presentations including:
 - [Modeling and Simulation of Human Behavior](#)
- 2006** Kazemifard, M., Ghasem-Aghaee, 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-Aghaee (2006). [Simulation-Based Problem Solving Environments for Conflict Studies](#). *Simulation, and Gaming Journal*. vol. 37, issue 4, pp. 534-556. DOI (Digital Object Identifier): 10.1177/1046878106292537.
- Ghasem-Aghaee, N., M. Kaedi, L. PoorMohamadBagher, and T.I. Ören (2006). Personality and Emotions in Agent Simulation: Fuzzy Rules 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-Aghaee, N., L. PoorMohammadBagher, M. Kaedi, and T.I. Ören, (2007). Anger Filter in Agent Simulation of Human Behavior, ([at ACM Portal](#)) Proc. of the 18th IASTED International Conference on Modelling and Simulation, May 30 - June 1, 2007, Montreal, Quebec, Canada, pp. 44-46.
- Yilmaz L. and T. I. Ören (2007- Invited paper). On Multiresolution Simulation Modeling of Team and Human Behavior for Software Process Design," in Proceedings of the Tenth World Congress On Integrated Design & Process Technology ([IDPT](#)), pp. 210-219, Antalya, Turkey, June 3-8, 2007.
- Ghasem-Aghaee, 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-Aghaee, 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.
- 2008 October 4 - October 10, Ankara, Turkey
ODTÜ-TSK MODSIMMER Modeling and Simulation Research and Development Center, a series of invited seminars including:
[Lecture 5-](#) Etmen yönlendirmeli benzetim ve insan davranışının ileri benzetim uygulamaları için dinamik kişilikli etmenler (Agent-directed simulation and agents with dynamic personalities for advanced simulation of human behavior)
- 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.

- 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](https://doi.org/10.1016/j.cogsys.2010.10.002) . [pre publication](#). Available online 20 October 2010.
- 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
- Kazemifard, M., N. Ghasem-Aghaee, B. Koenig, and T.I. Ören (2011). [Toward Effective Emotion Intelligence Simulation: Modeling Understanding Ability for Emotive Agents](#). Proc. of th International Conference of Cognitive Science (ICCS), 2011 May 10-12, Tehran, Iran, pp. 154 (abstract).
- 2012** Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören (2012). [Emotive and Cognitive Simulations by Agents: Roles of Three Levels of Information Processing](#). Cognitive Systems Research. Vol. 13, issue 1, March 2012, pp. 24-38. [doi:10.1016/j.cogsys.2010.10.002](https://doi.org/10.1016/j.cogsys.2010.10.002) . (pre-publication was listed as of 2010-08)
- Kazemifard, M., Ghasem-Aghaee, N., Koenig, B.L., and T.I. Ören (2012-Submitted). An Emotion Understanding Framework for Intelligent Agents based on Episodic and Semantic Memories.
- 2013** Kazemifard, M., Ghasem-Aghaee, N., Koenig, B.L. and T.I. Ören (2013). An Emotion Understanding Framework for Intelligent Agents based on Episodic and Semantic Memories. Journal of Autonomous Agents and Multi-Agent Systems. ([Online first articles](#))
- Kazemifard, M. and T.I. Ören (2013). Toward Agents with Switchable Emotion Understanding Ability. (extended abstract). Presented at: [ICCS 2013](#) - Fifth International Conference of Cognitive Science, May 7-9, Tehran, Iran.
- Ören, T.I., Kazemifard, M., Yilmaz, L. (2013). Machine understanding and avoidance of misunderstanding in agent-directed simulation and in emotional intelligence. Proceedings of SIMULTECH 2013, 3rd International Conf. on Simulation and Modeling Methodologies, Technologies and Applications. July 29-31, Reykjavik, Iceland. pp. 318-327.
- 2014** Kazemifard, M., Ghasem-Aghaee, N., Koenig, B.L. and T.I. Ören (2014). [An Emotion Understanding Framework for Intelligent Agents based on Episodic and Semantic Memories](#). Journal of Autonomous Agents and Multi-Agent Systems. January 2014, Volume 28, [Issue 1](#), pp 126-153. (DOI) 10.1007/s10458-012-9214-9 (Prepublication was in 2013 January)
- 2015** Ören, T.I., M. Kazemifard, and F. Noori (2015-Invited article). [Agents with four categories of understanding abilities and their role in two-stage \(deep\) emotional intelligence simulation](#). International Journal of Modeling, Simulation, and Scientific Computing (IJMSSC), vol. 6, issue 3 (September), DOI: 10.1142/S1793962315400036, Accepted: 11 August 2015.