Publications and presentations of Dr. Tuncer Ören on:

Ethics

Please also visit the website of SimEthics at SCS:
http://www.scs.org/ethics/

Statistics about publications and activities at the meetings

		0	1	2	3	4	5	6	7	8	9	total
1990s	meetings										2	2
2000s	publications	2		5			1					8
2000s	meetings		2	5	2	1	3	1		1		15
2010s	publications					1	1		1	1		4
2020s	publications	1	1									2

publications	14
meetings	17
total	31

2021 • **Ören**, T. (2021 – In Press, Invited chapter). Security of Cyber-Physical-Social Systems: Simulation-Based Systems Engineering, Intelligence, Ethics, and Impact of Human Involvement. Chapter in: Petros Nicopolitidis, Sudip Misra, Laurence T. Yang (Eds.) Advances in Computing, Informatics, Networking and Cybersecurity - A Book Honoring Professor Mohammad S. Obaidat's Significant Scientific Contributions, Springer.

2020 • **Ören**, T. (2020). Ethical and Other Highly Desirable Requirements for Cyber-Physical Systems Engineering. Chapter 17 in: Risco-Martin, J.-L., S. Mittal, T. Ören (Eds.) (2020 – In Press). Simulation for Cyber-Physical Systems Engineering: A Cloud-based Context. Springer, pp. 429-445.

2018

Ören, T. (2018). Simulation of Cyber-Physical Systems of Systems: Some Research Areas – Computational Understanding, Awareness and Wisdom. The Journal of Chinese

Simulation Systems, year 2018, issue 2. DOI: 10.16182/j.issn1004731x.joss.201802002

2017 • **Ören**, T., L. Yilmaz (2016) "[The Age of the Connected World of Intelligent Computational Entities: Reliability Issues including Ethics, Autonomy and Cooperation of Agents.](#)" (Invited e-book chapter), Faria Nassiri Mofakham (ed.) Frontiers in Artificial Intelligence - Intelligent Computational Systems. Bentham Science Publishers, pp. 184-213.

2014 • **Ören**, T.I. (2014). An Invitation to Modeling and Simulation Organizations to Declare that they Adhere to Ethical Principles. SCS Newsletter, June 2014 issue, pp. 1-3.

2008 • 2008 **October** 4-10, Ankara, Turkey
ODTÜ-TSK MODSIMMER [Modeling and Simulation Research and Development Center](#)
Under the sponsorship of [TÜBİTAK](#) (The Scientific and Technological Research Council of Turkey)
[A series of invited research lectures](#) (Ankara Lectures - The lectures are in Turkish):
[Lecture 4](#) - Modelleme be benzetimin kapsam ve önemindeki gelişmeler ve benzetim çalışmalarında etik gereksinmeler
(Growing scope and importance of modeling and simulation and necessity of ethics in simulation studies)

2006 • 2006 **September** 22 - October 23, Barcelona, Spain
University of Barcelona (Universitat Autonoma de Barcelona)
A series of [invited doctoral lectures](#) (Barcelona Lectures):
[Lecture 4](#) - Growing scope and importance of modeling and simulation and necessity of ethics in simulation studies

2005 • 2005 **July 24-28**, Philadelphia, PA
[SCSC'05](#) - Summer Computer Simulation Conference 2005
Invited Luncheon Speaker: [Ethics in Simulation](#) (SimEthics)

• 2005 **November 11**, Potsdam, NY
Wallace H. Coulter School of Engineering, Clarkson University
Invited Seminar: [Ethics in Simulation](#)

• 2005 **November 28 - December 1**, Orlando, Florida I/ITSEC - Interservice/Industry Training, Simulation Conference
Invited Tutorial: Ethics in Modeling and Simulation (SimEthics)

• **Ören**, T.I. (2005 - Invited Tutorial). [Ethics in Modeling and Simulation](#) (SimEthics). In: Proc. of [I/ITSEC](#)(Interservice/Industry Training, Simulation Conference). Nov. 28 - Dec. 1, Orlando, Florida; paper 2026, pp. 1-6. ([presentation](#)) (1.5MB)

2004 • 2004 **September 15**, Marseille, France
[EPUM](#) Ecole polytechnique Universitaire de Marseille, Departement du Genie Industriel er Informatique, Universite de Provence-Aix-Marseille I
Invited Presentation: Growing Importance of Modelling and Simulation: Professional and

Ethical Implications (presentation)

2003 • 2003 **March 6,** Gebze, Kocaeli, Turkey
Information Technologies Research Institute, Marmara Research Center of TUBITAK
(Turkish Science and Technical Research Council)
Invited Seminar: Professionalism, Ethics, and Proper Use of Turkish in Informatics and Simulation (In Turkish)

• 2003 **October 7-27**, Istanbul, Turkey
TBV BBO-2 - 2nd Media Informatics School of the Turkish Informatics Foundation
(In Turkish: TBV Basın Bilişim Okulu).
Invited Lecture:
- Code of Professional Ethics for Informatics (In Turkish: Bilişim Mesleği Ahlak İlkeleri)

2002 • 2002 **July 14-18**, San Diego, CA SCSC 2002 Summer Computer Simulation Conference

- A Code of Professional Ethics for Simulationists" (with: M.S. Elzas, I. Smit, and L.G. Birta)

• **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)

• 2002 **July 14-18**, San Diego, CA SCSC 2002 Summer Computer Simulation Conference
Rationale for A Code of Professional Ethics for Simulationists

• **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).

• 2002 **July 18-19**, San Diego, CA SimSummit - A Convention and Workshop on the Future of the Modeling and Simulation Profession, Industry, and Marketplace Coordinated by: The Society for Modeling and Simulation International (SCS) The Simulation Interoperability Standards organization (SISO) National Training Systems Association (NTSA)

Participated as the Representative of the McLeod Institute of Simulation Sciences (MISS) of the Society for Modeling and Simulation International (SCS)

In this meeting ethics is accepted as one of the pillars of the modeling and simulation profession

• 2002 **July 29 - August 3**, Baden-Baden, Germany InterSymp 2002 - The 14th International Conference on Systems Research, Informatics and Cybernetics of the IIAS (The International Institute for Advanced Studies in Systems Research and Cybernetics)
An Invited Keynote Address: - Ethics as a Basis for Sustainable Civilized Behavior for Humans and Software Agents

• **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.
(also 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).

- 2002 **November 3-6**, Shanghai, P.R. China ICSC'2002 - The 5th Conference on System Simulation and Scientific Computing (Part of the Asian Simulation Conference.) Sponsored by: CASS (Chinese Association for System Simulation)
Invited Plenary Speech: "Growing Importance of Modelling and Simulation: Professional and Ethical Implications"

- **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).

2001
- 2001 **February** 14-16, Istanbul, Turkey
Symposium of Electrical Engineering
Organized by the Istanbul Branch of (Turkish) Chamber of Electrical Engineering
Invited Talk: Responsibility, Ethics, and Professionalism

- 2001 **June 26-29**, Delft, the Netherlands
Eurosim 2001: Shaping Future with Simulation, 4th International Eurosim Congress,
Invited Speaker on the Ethics Session (Presentation):
Responsibility, Ethics, and Simulation: A Review of Issues

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 B21), 17:4 (Dec.), 165-170. (presentation)

1999
- 1999 **July 2**, Wageningen, The Netherlands
Wageningen University
Special Symposium: Simulation and Ethics on the occasion of the 65th birthday of Prof. Ir. Maurice S. Elzas
Invited Presentation: Responsibility, Ethics and Simulation

- 1999 **December 15-19**, Istanbul, Turkey
Informatics'1999
Member of the Advisory Committee
Member of the Panel on: Internet, Ethics, and Law (In Turkish: Internet, Etik, ve Hukuk)