

Publications and Presentations of Dr. Tuncer Ören on: Understanding

updated: 2012-05-24

(Some statistics)

(Meetings include conferences/symposia/tracks of sessions organized/invited/participated)

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

publications	14+(1)
meetings	23
total	37 +(1)

1990

- Ören, T.I., Abou-Rabia, O., King, D.G., Birta, L.G., Wendt, R.N. (1990) (Plenary Paper). Reverse Engineering in Simulation Program Understanding. In: Problem Solving by Simulation, A. Jávör (ed.) Proceedings of IMACS European Simulation Meeting, Esztergom, Hungary, August 28-30, 1990, pp. 35-41.
- Ören, T.I., Birta, L.G., Abou-Rabia, O., King, D.G., Wendt, R.N. (1990). E/Slam: A Software Understanding Environment for SLAM II Programs. In: Proceedings of European Simulation Multiconference, Erlangen-Nuremberg, Germany, June 10-13, 1990, SCS International, San Diego, CA, pp. 235-240.
- Ören, T.I., Wendt, N.R., Abou-Rabia, O., King, D.G., Birta, L.G. (1990). A Reverse Engineering Application for Simulation Program Understanding. In: Proceedings of the Bell Canada Quality Engineering Workshop II, Montreal, PQ, October 4-5, 1990. (Participation by invitation).
- Wendt, R.N., Ören, T.I., Birta, L.G. (1990). Knowledge Base for Slam II Understanding System, Volume 2 - Rule Base. Technical Report (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1990 May 31 - June 22, München, W. Germany
Siemens
Invited Seminars: A Program Understanding Environment for Simulation, ...

1990 June 10-13, Erlangen-Nuremberg, W. Germany

European Simulation Multiconference

Article (by T.I. Ören, L.G. Birta, O. Abou-Rabia, D.G. King, R. Wendt):

E/Slam: A Software Understanding Environment for SLAM II Programs.

1990 August 28-30, Esztergom, Hungary

European Simulation Meeting on Problem Solving by Simulation, Sponsor: IMACS

Member of the International Program Committee

Member of the Panel Session of the Conference

Invited Presentation (Plenary Session): Reverse Engineering in Simulation Program Understanding
(with O. Abou-Rabia, D.G. King, L.G. Birta, and N.R. Wendt)

1990 October 3-5, Montreal, PQ

Bell Canada Quality Engineering Workshop (Participation by Invitation only),

Invited Presentations: - A Reverse Engineering Application for Simulation Program Understanding
(with N.R. Wendt, O. Abou-Rabia, D.G. King, L.G. Birta)

1991

Sheng, G., Ören, T.I. (1991). Computer-Aided Software Understanding Systems to Enhance Confidence of Scientific Codes. In: Proceedings of the BIOMOVs (BIOSpheric MOdel Validation Study) Symposium, Stockholm, Sweden, October 8-10, 1990. Swedish Radiation Protection Institute, Stockholm, Sweden, pp. 275-286.

1991 June 3 - June 14, Istanbul, Turkey

Technical University of Istanbul (ITU)

Under the auspices of the United Nations TOKTEN Program

Invited Seminars (in Turkish) on: - Artificial Intelligence in Software Engineering:

- Program Understanding Systems and Automatic Documentation of Programs in Natural Language

1991 November 29, Istanbul, Turkey

CASE Day, Turkish Association of UNIX Users

Invited Presentation: Program Understanding and Documentation Tools: Some Examples

(In Turkish - Program Anlama ve Belgeleme Araçları: Bazı Örnekler)

1992

Ören, T.I. (1992). Towards Program Understanding Systems. (Invited Plenary Paper). In: Proceedings of the First Turkish Symposium on Artificial Intelligence and Neural Networks, K. Oflazer, V. Akman, H.A. Guvenir, U. Halici (eds.), 25-26 June, 1992, Bilkent University, Ankara, Turkey, pp. 3-12.

Ören, T.I., Wendt, R.N., King, D.G., Abou-Rabia, O., Birta, L.G. (1992). A Template-Oriented Approach for Simulation Program Understanding. *Mathematics and Computers in Simulation*, 34: 219-229.

1992 June 25-27, Ankara, Turkey

Bilkent University, First Turkish Symposium on Artificial Intelligence and Neural Nets

Invited Paper: Towards Program Understanding Systems

1992 December 28, Istanbul, Turkey
Tübitak (Turkish Scientific and Technical Research Institute) Marmara Research Centre
Invited Seminar: Research Topics in Program Understanding

1995

1995 Sept. 27 - Oct. 1, Istanbul, Turkey
Informatics'95 (In Turkish: Bilisim'95), Turkish Informatics Society
Presentations: Program Understanding, ...

1997

1997 January 9-11, San Marcos, Texas
2nd Workshop of the International Institute for General Systems Studies
Southwest Texas State University
Member of the International Program Committee
Invited Plenary Presentation: Understanding Systems: Systems Theoretic Foundations and Architectures

1997 January 16, Ottawa, Ontario, Canada
Master's Program in Systems Science, University of Ottawa
Invited Seminar: Computerized Understanding Systems: A Taxonomy and Performance Factors

1997 July 4, Gölcük, Turkey
Software Engineering Center of the Gölcük Naval Base
Presentation: Program Documentation and Program Understanding Systems

1997 September 9-18, Istanbul, Turkey
Summer School on Advanced Topics in Software Engineering
Sponsor: Tübitak - (Turkish Science and Technical Research Council), MRC (Marmara Research Center) with the Support of Bogazici University
Lectures on: Program Understanding (September 18), ...

1999

1999 October 18-20, Kusadasi, Izmir, Turkey
14th International Symposium on Computer and Information Sciences (ISCIS 14)
Organized by Ege University, <http://www.ege.edu.tr/iscis99>
Invited Presentation: Understanding Systems: Foundations and Performance Factors

1999 November 29, Paris, France
University Paris Dauphine
CERIA (Centre d'ETude et de Recherche en Informatique)
Invited Seminar: A Basis for Computer-Aided Understanding: A Classification and Performance Factors

2000

Ören, T.I. (2000 – Invited Opening Paper). [Understanding: A Taxonomy and Performance Factors](#). In: D. Thiel (ed.) Proc. of FOODSIM'2000, June 26-27, 2000, Nantes, France. SCS, San Diego, CA, pp. 3-10.

2000 May 13-20, Istanbul Turkey
ICAMES 2000 (International Cultural and Academic meeting of Engineering Students)
Bogazici University
Invited Presentation: Understanding

2000 June 26-27, Nantes, France
FOODSIM'2000 – International Conference on Simulation in Food and Bio Industries
The Society for Computer Simulation International European Council
With the participation of: EUROSIM: FRANCOSIM, CNRS, INRA, IIR, COST915
Invited Plenary Paper: Understanding: A Taxonomy and Performance Factors

2000 July 3, Gebze-Kocaeli, Turkey
TÜBİTAK - Marmara Research Center (MRC),
Information Technologies Research Institute (ITRI), Multimedia Group
Presentations: (In Turkish)
- Computer-Aided Understanding: Types and Performance Factors

2006

Ören, T.I. (2006). Systems with Understanding Ability. (In Turkish: [Anlama Yetenekli Dizgeler](#)) (terimler)
In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya
Yayincilik, Istanbul, Turkey, pp. 91-95.

2006 September 13, Ottawa, Ontario, Canada
[Ottawa Student Chapter](#) of [SCS - Carleton University](#)
Invited Seminar: Systems with Understanding Ability: Toward Advanced Agents

2006 September 22 - October 23, Barcelona, Spain
University of Barcelona (Universitat Autònoma de Barcelona)
A series of [invited doctoral lectures](#) (Barcelona Lectures):
Lecture 6 - [Systems with understanding ability and understanding agents](#)

2007

Ören, T.I., Ghasem-Aghaee, N., and L. Yilmaz (2007). [An Ontology-Based Dictionary of Understanding as a Basis for Software Agents with Understanding Abilities](#). Proceedings of the Spring Simulation Multiconference ([SpringSim'07](#)). Norfolk, VA, March 25-29, 2007, pp. 19-27. (ISBN: 1-56555-313-6) ([presentation](#))

2008

2008 October 4 - October 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 - in Turkish):

Lecture 6 - Anlama yetenekli dizge ve etmenlerinin temelleri ve ileri uygulamaları
(Systems and agents with understanding: Foundations and advanced applications)

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.

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.

2009 July 13-16, Istanbul, Turkey

[SCSC](#) 2009 - Summer Computer Simulation Conference 2009 (final [program](#))

Part of SummerSim'09 - Summer Simulation Multiconference (which is part of ISMC'09)

- Articles:

- Ören, T.I., L. Yilmaz, M. Kazemifard, and N. Ghasem-Aghaee. Multi-understanding: A Basis for Switchable Understanding for Agents.
- Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören. Agents with Ability to Understand Emotions.

2011

Kazemifard, M., N. Ghasem-Aghaee, B. Koenig, and T.I. Ören (2011). [Toward Effective Emotional Intelligence Simulation: Modeling Understanding Ability for Emotive Agents](#). Proc. of 4th International Conference of Cognitive Science (ICCS), 2011 May 10-12, Tehran, Iran, pp. 154 (abstract).

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, pp. 295-313.

2011 September 16-22, Changsha, China

Invited seminars: [Agents with understanding abilities and ways to avoid misunderstanding](#)

2012

Ören, T.I. (2012-Submitted). Evolution of the Discontinuity Concept in Modeling and Simulation: From Original Idea to Model Switching, Switchable Understanding, and Beyond. Special Issue of Simulation –The Transactions of SCS.