

CV of Dr. Tuncer Ören



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To download the following lists of references, please click:

List of [Books and Proceedings](#)

Some Topical **Bibliographies**:

- *M&S Profession:*
[Ethics](#), [Body of Knowledge](#), [Taxonomies](#), [M&S Dictionary Project](#), [Terminology](#)
- *Cognitive and Emotive Informatics:* [Understanding](#)
- *Cognitive and Emotive Simulation:*
[Personality](#), [Perception](#), [Anticipation](#), [Emotions](#)
- *M&S Formalisms:*
[Advanced Methodologies and Normative Views](#)
[Generalized Discontinuity](#): (Model Update, Multimodels, Multisimulation,
 Personality Update, Agents with Personality Update)
[Agent-Directed Simulation](#) (ADS), [Artificial Intelligence and Simulation](#)
- *M&S Reliability:*
[Quality Assurance and Failure Avoidance in M&S](#)

Dr. Tuncer Ören (Brief Bio)



Dr. Ören is a professor emeritus of computer science at the School of Information Technology and Engineering of the University of Ottawa, Canada.

Education: High school: Galatasaray Lisesi, Istanbul Turkey (1955); Masters degree in mechanical engineering: Technical University of Istanbul (1960); and Ph.D. in Systems Engineering from the University of Arizona, Tucson, Arizona (1971).

He has over 400 *publications* including 21 books and proceedings. He contributed to over 370 *conferences* and *seminars* held in 30 countries. In the 2000s alone, over 110 publications and almost 50 invited presentations.

His *research interests* include:

- Advanced methodologies (such as multi-models and multi-simulations)
- Agent-directed simulation
- Cognitive and emotive simulations
(such as simulation of human behavior by agents with dynamic personality; agents with personality and emotions; agents with perception, anticipation, and understanding abilities; and cognitive and emotive simulation applications for conflict management)
- Reliability, Quality, and Failure Avoidance in Simulation
- Ethics in Simulation
- Multilingual as well as ontology-based dictionaries of modeling and simulation
- Body of Knowledge of modeling and simulation

He was a *member* of over 20 professional associations. He is a founding member of the Turkish Informatics Foundation. Some of the positions he currently holds at SCS (The Society for Modeling and Simulation International) are: member of the Board of Directors, AVP ethics, AVP student chapters, distinguished lecturer, founder and past director of M&SNet, and several other committee memberships.

Awards include "Information Age Award" from the Turkish Ministry of Culture, and Distinguished Service Award from SCS.

Honors and distinctions include recognition by IBM as a pioneer of computing in Canada, invitations from United Nations, over 20 Who's Who citations, and plaques and certificates of appreciation from organizations including ACM, AFCEA, Atomic Energy of Canada, NATO, SCS, Turkish General Staff, and some universities.

<http://www.site.uottawa.ca/~oren/oren.tuncer@sympatico.ca>

Employment History of Dr. Tuncer I. Ören

- 1961-62 Turkish Armed Forces, **Reserve Officer** (Honorable discharge)
- 1963-67 IBM Türk, Istanbul, Turkey
Systems Engineer, Textile **Industry Coordinator**, and **Education Coordinator**
- 1970 Dec-74 **Assistant Professor**, Computer Science Department, University of Ottawa
- 1971 May **Visiting Professor**, National Space Activities Commission of Brazil, Sao Jose dos Campos, Sao Paolo, Brazil
- 1974-81 **Associate Professor**, Computer Science Department, University of Ottawa
- 1977-78 **Senior Research Fellow** (During Sabbatical Leave) Computer Science Department, Agricultural University, Wageningen, The Netherlands.
- 1979-82 **Chairman**, Computer Science Department ([CSI](#)), University of Ottawa, Ottawa, Ontario, Canada
- 1981-96 **Full Professor**, Computer Science Department, University of Ottawa, Ottawa, Ontario
- 1983 May-June **Visiting Professor**, Institute of Systems Sciences, Johannes Kepler University, Linz, Austria
- 1983 July **Visiting Professor**, Computer Engineering Dept., Middle East Technical University, Ankara, Turkey (Through United Nations TOKTEN Program) for a series of lectures on "Interactive Modelling and Simulation"
- 1984-85 **Research Scholar** (During Sabbatical leave) IIASA (International Institute for Applied Systems Analysis), Laxenburg, Austria, System and Decision Sciences Program, Interactive Decision Analysis Project
- 1984-85 **Visiting Professor** (During Sabbatical leave) Institute of Statistics and Computer Science, University of Vienna, Vienna, Austria
- 1986-90 **Adjunct Professor**, Dept. of Statistics and Computer Science, West Virginia University, Morgantown, WV, USA
- 1991 June **Visiting Professor**, Technical Univ. of Istanbul, Turkey (Through United Nations TOKTEN Program) for a series of lectures on "Artificial intelligence in software engineering"
- 1996-Present **Professor Emeritus of Computer Science** (after early retirement), Computer Science Department (Currently, School of Information Technology and Engineering - SITE), University of Ottawa, Ottawa, Ontario, Canada
- 1996-97 Sept. **Senior Researcher and Defense Projects Coordinator**; Information Technologies Institute – ITI), Turkish Science and Technical Research Council ([TUBITAK](#)), Marmara Research Center ([MRC](#)), Gebze, Kocaeli, Turkey
- 1997-00 **Vice-Director**, Information Technologies Institute – ITI), Turkish Science and Technical Research Council ([TUBITAK](#)) Marmara Research Center ([MRC](#)), Gebze, Kocaeli, Turkey

- 2000 Nov.-
2001 May **Acting Director**, Information Technologies Institute – ITI),
Turkish Science and Technical Research Council ([TUBITAK](#))
Marmara Research Center ([MRC](#)), Gebze, Kocaeli, Turkey
- 2004 Sept. **Invited Professor**, [LSIS](#) Laboratoire des Sciences de l'information et des Systèmes,
Université Paul Cézanne – Aix Marseille 3, Marseille, France
- 2005 May-June **Visiting Researcher**, [LSIS](#) Laboratoire des Sciences de l'information et des Systèmes,
Université Paul Cézanne – Aix Marseille 3, Marseille, France
- 2006 Sep-Oct **Visiting Professor**, University of Barcelona (Universitat Autònoma de Barcelona)
- 2007 June **Invited Professor**, [LSIS](#) Laboratoire des Sciences de l'information et des Systèmes,
Université Paul Cézanne – Aix Marseille 3, Marseille, France
- 2007 Dec **Invited Professor**, [LSIS](#) Laboratoire des Sciences de l'information et des Systèmes,
Université Paul Cézanne – Aix Marseille 3, Marseille, France
- 2008 March **Invited Professor**, [LSIS](#) Laboratoire des Sciences de l'information et des Systèmes,
Université Paul Cézanne – Aix Marseille 3, Marseille, France

Advising and Consulting of Dr. Tuncer Ören
for Governmental Agencies and Industries
as well as **Industry-Sponsored Research**

1980-96	Canada	Member of the Technical Advisory Committee (TAC) of the Atomic Energy of Canada Ltd. (AECL) on the Nuclear Fuel Waste Management Program as the Representative of the Canadian Information Processing Society (CIPS) and Chairman of the System Analysis Subcommittee of TAC
1982-83	Turkey	Project MERNIS, Turkish Population Records Project, Ankara Consultant through TOKTEN, a United Nations Program
1983	Canada	Statistics Canada, Structural Analysis Division, Ottawa, Ontario Consultant on a special software system
1984-86	Norway	Statoil, Trondheim Principal Advisor on the design and implementation of a state-of-the art modelling and simulation environment
1985	Canada	Revenue Canada, Ottawa, Ontario Consultant on a national project on software engineering
1985-88	USA	U.S. Department of Energy, Argonne National Laboratory Consultant and Member of the Peer Review Panel for the High Level (Radioactive) Waste Disposal in Salt Project
1983-84 & 1986-87	Sweden	Swedish Ministry of Industry Advised as the Chairman of the Systems Analysis Subcommittee of the Technical Advisory Committee to AECL (Atomic Energy Canada, Ltd.) on Nuclear Fuel Waste Management
1988-92	Canada	Bell Canada, Montreal, Quebec Principal Investigator on two projects (cdn \$ 886 860.00): - Concepts and Tools for the Quality Assurance of Simulation Studies - A Quality Engineering Environment for Simulation Studies
1991-92	Canada	Ontario Hydro, Toronto, Ontario Software for automated documentation of Pascal programs
1993	Turkey	Beko, Istanbul Software for automated documentation of C programs; and software engineering education
2001-present	International	ORSIM Consulting Consulting on: modelling, simulation, system studies, software, and education. For details please see list of my research interests.
2005-07	USA	NTSA, Contract to develop the Body of Knowledge of Modeling and Simulation

Positions of Dr. Tuncer Ören at SCS (Society for Modeling and Simulation International)

Note: On May 2010, to have more time for my scientific activities, I resigned as:

- (1) VP publications (with the implication of resigning as a member of the Executive Committee),
- (2) Director of M&SNet (McLeod Modeling and Simulation Network), and
- (3) Chair of Web committee.

Still, I am active in well over ten aspects of SCS activities.

(* indicates current activity/position; (•) indicates past activity/position

- * **Member** (regular) since 1966; *retiree member* since 2010

Boards

- * **Board of Directors, Member**
- * *Director at Large* (2002-2004-~~report~~) (2004-2006-~~report~~) (2006-2009) (2009-2011) ([election statement](#)-2009; report-to be posted after the end of the term)
- (Member of the *Executive Committee* (2009-2010; please see the note at the beginning)
- **Publications Board, Chair** (2009-2010; please see note at the beginning)

Publications

- **VP Publications** (2009-2010; please see the note at the beginning) (Simulation Transactions, JDMS, M&S Magazine, SCS Newsletter, Simulation Series, Conference Proceedings). Reactivated [Magazine](#) and [Newsletter](#) that were dormant since 2005. [Report before resigning](#) (2010 April, SCS M&S Magazine)
- * **Simulation**–Transactions of the SCS, **Editorial Advisory Board, Member**
- * **JDMS**–Journal for Defense Modeling and Simulation: Applications, Methodology, Technology, **Editorial Board, Member**
- * **SCS M&S Newsletter, Associate Editor-in-Chief** (2009-2011)

AVPs, Technical Committees, and Panels

- * [Ethics](#), *Associate Vice President* (2002-2004) (2004-2006) (2006-2009) (2009-2011)
- * [Student Chapters](#), *Associate Vice President* (2004-2006, 2006-2009) (2009-2011)
- **Web Presence and Content Committee, Chair** (2010; please see note at the beginning)
- * **Awards and Recognition Committee** (ARC), *Member* (2006-2009) (2009-2011)
- **Bylaws and Policy & Procedures Committee** (BP&P), *Member* (2008-2009) (2010)
- * **Conference Advisory Panel, Member** (2009-2011)
- * **Membership Advisory Panel, Member** (2009-2011)

Networks

- * **McLeod Modeling and Simulation Network** ([M&SNet](#))
- *Founder* (2003-2004) (2004-2006) (2006-2009) (2009-2011)
- * *Past Director*
- McLeod Institute of Simulation Sciences ([MISS](#)), *A Past Director*
- [Ottawa Center of MISS](#), *Founding Director* (1991) and a *Past Director Member*

Distinctions

- * Distinguished Service Award (2006)
- * [SCS Distinguished Lecturer](#)

Representation of SCS

- Position at [SimSummit](#): *Representative* of the [M&SNet](#) as a member organization at SimSummit

History of SCS

- Two invited papers on the 25th and 50th anniversaries of SCS
- Ören, T.I. (1977–Invited Paper). [Simulation - as it has been, is and should be](#). *Simulation*, 29:5, 182-183
- Ören, T.I. (2002–Invited Paper). [SCS and Simulation: Fifty Years of Progress](#), 50th Anniversary Issue, *Modeling and Simulation*, 1:3 (July-September), 32-33.

Positions of Dr. Tuncer Ören at Other Organizations

(Note: In the 1960s I was member of about 20 scientific, technical, and managerial associations)

- * Active
- Scientific/Professional Organizations:**
- * 1966- **Member**, SCS (Society for Modeling and Simulation International - Previously: Society for Computer Simulation), La Jolla, CA, USA
- 1976-79 **Chairman** of the "Simulation Compilers" Subcommittee of: IMACS (The International Association for Mathematics and Computers in Simulation) (USA)
- 1976-83 **Member** of the **Board of Directors** and **Delegate** to Canada of International Association for Cybernetics (Namur, Belgium)
- 1979-84 **Member** of the Committee on Vocabulary of Data Processing of the Canadian Standards Association, (Ottawa, Ont., Canada)
- 1981-83 **Chairman** of **SIGSIM** (the Special Interest Group on Simulation) of the Association for Computing Machinery (ACM) (USA)
- 1991-96 & **Director** and **Founding Member** of the Ottawa Center of the International McLeod
2001-06 Institute of Simulation Sciences of The Society for Modeling and Simulation International - OC-MISS/SCS (Ottawa, Ont., Canada)
- * 1991-98 & **Member** of the Board of Directors (Director at Large) of the Society for Modeling and
2002-11 Simulation International (**SCS**) (2002-04, 2004-06, 2006-09, 2009-11)
- 1993-94 **Founding Chairman** of the Working Group WG 10.1 on CAST (of IFIP's Technical Committee TC 10 on Computer Systems Technology) (Switzerland)
- * 1995- **Founding Member**, [Turkish Informatics Foundation](#) (Istanbul, Turkey)
- * 1996- (intermittently) **Member**, Turkish Informatics Society
- 1996-98 **Turkish representative** in **SGMS** (Steering Group on NATO Simulation Policy and Applications tasked to develop the NATO Modelling and Simulation Master Plan)
- 1996-00 NATO Industrial Advisory Group's (NIAG), Industrial Policy Subgroup on Modelling and Simulation (IPSG), **Member** and **Rapporteur** of Team B: Common Technical Framework
- 1997-98 **Member** of the Steering Committee on the Master Plan of the Turkish Information Infrastructure
- 1997-01 **Member**, NATO's Research and Technology Organization (RTO), Studies, Analysis and Simulation (SAS) Panel
- 1999 **Turkish representative** of the **Verification, Validation and Accreditation Working Group** of NATO NG6 (Specialist Team on Simulation-Based Design and Virtual Prototyping)
- 1999-00 Turkish State Planning Organization, 8th 5 year Development Plan
Member of the Expert Groups on :
- [Turkish Language](#)
- [Information Economy](#)

- 1999-00 **Member of the Working Group** on Computer-Aided Education of the Turkish Informatics Foundation (Istanbul, Turkey)
- 1999-01 **Member** of the **Steering Committee** [Turkish Informatics Foundation](#) (Istanbul, Turkey)
- * 2000- **Coordinator** of the Working Group on the [proper use of Turkish in informatics](#) of the Turkish Informatics Foundation (Istanbul, Turkey):
- 2000 **Chair** of the Subgroup 1 of the Turkish Working Group, NATO Maintenance and Supply Agency (NAMSA),
- 2000-01 **Industry Representative**, NATO Modelling and Simulation Group ([NMSG](#))
- 2000-01 **Member and Rapporteur** of NIAG SG67 on PSO
NIAG (NATO Industrial Advisory Group) SG67 (SubGroup 67) on PSO
(Pre-feasibility Studies on "M&S" Support to Peace Support Operations")
- 2001-02 **Chair** of the SCS Activity tasked to develop a code of ethics for simulationists SCS (Society for Modeling and Simulation International), La Jolla, CA, USA
- 2002-03 **Director** of The McLeod Institute of Simulation Sciences ([MISS](#)) of the Society for Modeling and Simulation International ([SCS](#))
- * 2002- **Associate Vice president** for [Ethics](#) of the Society for Modeling and Simulation International ([SCS](#))
- * 2003 **Member** of the SCS Conference Board
- 2003-2010 **Founding Director** of the McLeod Modeling and Simulation Network - M&SNet

Educational Organizations:

- 1981-82 **Founding Chairman**, the Executive Committee of the Chairmen of the Canadian Computer Science Departments
- 1991-94 **Member** of the **Board** of OCICS (Ottawa-Carleton Institute for Computer Science) (Ottawa, Ont., Canada)
- 1992-93 **Representative** of the Faculty of Science: "Commission des relations internationales" of the University of Ottawa (Ottawa, Ont., Canada)
- 1992-93 **Member** of the Academic Panel on Computer Science of the Ontario Graduate Scholarship (OGS) Ministry of Colleges and Universities (Toronto, Ont., Canada)
- 1994 **Chairman** of the Academic Panel on Computer Science of the Ontario Graduate Scholarship (OGS) (Toronto, Ont., Canada)
- * 2010 **Member**, Academic Advisory Committee, [Faculty of Engineering at University of Gediz](#)

Editorial Boards: Book Series

- 1985-91 **General Editor** of a book series (JAI Press, Greenwich, Connecticut, USA) on:

- Advances in AI in Software Engineering
- 1991-94 **Book Review Editor**, ACM TOMACS (Transactions on Modelling and Computer Simulation)
- 1995 **Member** of the **Editorial Board**, Book Series: Frontiers in Simulation (SCS-European Simulation Council - Ghent, Belgium)
- 2001-2006 **Coordinator** of the Working Group of the Turkish Informatics Foundation and **co-editor-in-chief** of the [Türkiye Bilisim Ansiklopedisi](#) (Turkish Informatics Encyclopedia) (Istanbul, Turkey):

Editorial Boards: Journals

- 1974-98 **Associate Editor**, "Simulation," monthly journal of the SCS (During late 1990s, Associate Editor for Knowledge-Based Systems and Simulation Environments) (USA)
- 1978-84 **Area Editor** on "Digital Simulation Software" of the Quarterly ("Modelling") (USA) of the IEEE Computer Society's Technical Committee on Simulation
- 1983-85 **Editor**, "Simuletter" the Quarterly of ACM SIGSIM (USA)
- 1983-96 **Associate Editor**, "System Analysis, Modelling, and Simulation," Quarterly by Gordon and Breach Science Publishers / Harwood Academic Publishers (Berlin, Germany)
- 1995-01 **Associate Editor**, Transactions of the SCS (USA)
- * 2002- [Simulation](#) (Transactions of the Society for Modeling and Simulation International)
Member of the **Editorial Advisory Board**
- * 2004- **Member** of the Editorial Board (Associate Editor) of [JDMS](#) - Journal for Defense Modeling and Simulation: Applications, Methodology, Technology
- * 2009- **Associate Editor-in-Chief**, SCS M&S Newsletter

Refereeing for Journals/conferences and Research Agencies – in the 2000s

- * **Reviewing** and **Refereeing** done for publications of: ACM, IEEE, SCS and other leading scientific societies
- * as well as numerous international conferences
- Journal Simulation Practice and Theory
- Reviewer** of [SCI Journal](#). (Electronic Journal of Systemics, Cybernetics and Informatics of IIS - International Institute of Informatics and Systemics).
- Referee** for:
- **ARC** (Australian Research Council - Australia)
 - **NSERC** (Natural Sciences and Engineering Research Council - Canada)
 - **NSF** (National Science Foundation - USA)
- 2008 - ANR (French National Research Agency) Cosinus 2008

Conferences and Seminars:

Active involvements in Conferences and Seminars: in the 2000s

updated: 2010-06-29

	total	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
active participations: (future commitment)	136 (+5)	12	10	7	10	19	22	13	19	10	9	5 (3)	(2)
declined	26	-	1	1	1	2	4	1	-	1	9	5	1
organizer/co-organizer/ general or program chair	23 (+3)	2	-	1	1	2	3	3	2	4	4	1 (2)	(1)
keynote/plenary/honorary /invited	48 (+1)	8	5	2	3	4	11	3	6	2	2	2	(1)

– 2000 –

2000 March 6-8, Tucson, Arizona, USA

[AIS 2000: AI, Simulation and Planning](#) (Attendance by Invitation Only)

Co-sponsored by Society for Computer Simulation

Member of the Program Committee

Invited Article: Towards a Modelling Formalism for Conflict Management

Organizer and Moderator of a Panel:

- Modelling and Simulation: Challenges for Early 21st Century

2000 March 31, Ankara, Turkey

Bilkent University, Department of Industrial Engineering

Invited Seminar: Quality Criteria for User/Software Interfaces

2000 April 10, Istanbul Turkey

ITU (Istanbul Technical University), Computer Engineering Dept.

Invited Seminar (In Turkish): Quality Criteria for User/Software Interfaces

2000 April 16-20, Washington, D.C., USA

33rd Annual Simulation Symposium (held in conjunction with the SCS 2000

Advanced Simulation Technologies Conference)

Member of the Program Committee

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

TUBITAK - Marmara Research Center (MRC),
 Information Technologies Research Institute (ITRI), Multimedia Group
Presentations: (In Turkish)
 - Quality Criteria for User/Software Interfaces
 - Software Agents
 - Computer-Aided Understanding: Types and Performance Factors

2000 August 24-26, San Francisco, CA

[4th IEEE DS-RT'2000](#) - 4th IEEE International Workshop on Distributed Simulation and Real Time Applications
Member of the Advisory Board

2000 September 6-10, Istanbul, Turkey

Informatics'2000 (Bilisim 2000), **Member** of the Advisory Committee
Invited Speaker at the Opening Session
Organizer and **Moderator** of the Workshop:
 - Proper Use of Turkish in Informatics (In Turkish: Bilisimde Ozenli Turkce)

2000 September 21-22, Brussels, Belgium

Simulation for Military Planning – Requirements, Concepts, Developments, Lessons Learned
 ISSC (International Seminars and Symposia Centre)
Invited Presentation: Use of Intelligent Agents for Military Simulation

2000 October 11-13, Istanbul, Turkey

[ISCIS XV](#) – The 15th International Symposium on Computer and Information Sciences
 Organized by: Yildiz Technical University, Istanbul
Member of the Program Committee
Invited Opening Talk: Advances in Computer and Information Sciences.
Chairman of the Sessions: Software Engineering I, Object Oriented

2000 December 10-13, Orlando, FL, USA

[Winter Simulation Conference](#)
Organizer and Moderator of the Panel (with a Position Statement) on:
 - [Agents and Simulation](#): Challenges to meet Defense and Civilian Requirements (Invited Paper)
Member of the Panel on: Education of Simulation
Position Statement: Educating the Simulationists

– 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, Ethic, and Professionalism

2001 February 20-22, Isfahan, Iran

CSICC'2001 - The 6th Annual CSI Computer Conference

Organized by the University of Isfahan, Iran

Keynote speaker (Invitation declined)

2001 April 2-4, Passau, Germany

[Workshop 2001](#) - Agent-based Simulation II

Organized by SCS, ASIM and University of Passau, Germany

Member of the Scientific Program Committee

2001 April 22-26, Seattle, Washington, USA

[ANSS'2001](#) 34th Annual Simulation Symposium

(to be held in conjunction with the SCS 2001 Advanced Simulation Technologies Conference)

Member of the Program Committee

2001 May 7, Istanbul, Turkey

ITU (Istanbul Technical University), Computer Engineering Dept.

Invited Seminar: Impact of Data on Simulation

2001 June 18-23, St. Petersburg, Russia

[4th St. Petersburg Workshop on Simulation](#)

St. Petersburg State University and INFORS College on Simulation (USA)

Invited Plenary Paper: Software Agents for Experimental Design in Advanced Simulation Environments

Chair of the Opening Plenary Session

2001 June 26-29, Delft, the Netherlands

[Eurosim 2001](#): Shaping Future with Simulation

4th International Eurosim Congress,

Member: International Scientific Committee

Invited Plenary Paper: Impact of Data on Simulation: From Early Practices to Federated and Agent-Directed Simulations

Invited Speaker on the Ethics Session (Presentation):

Responsibility, Ethics, and Simulation: A Review of Issues

Chair of the Session: Environment and Ecology

2001 August 13-15, Cincinnati, Ohio, USA

[DS-RT 2001](#) - Fifth IEEE International Workshop on Distributed Simulation and

Real Time Applications.
Member of the Advisory Board

2001 September 4-7, Istanbul, Turkey

[Informatics Summit'01](#) - 18th Informatics Congress of the Turkish Informatics Association
Member of the Program Committee

2001 October 23-26, Maebashi City, Japan

[IAT-2001](#) - The 2nd Asia-Pacific Conference on Intelligent Agent Technology
Member of the Program Committee

2001 November 5-7, Antalya, Turkey

ISCIS XVI - International Symposium on Computer and Information Sciences
 Organized by Isik University, Istanbul
Member of the Program Committee

– 2002 –

2002 April 8-10, Lisbon, Portugal

[AIS'2002](#) - AI, Simulation and Planning
Member of the Program Committee

2002 July 14-18, San Diego, CA

[SCSC 2002](#) Summer Computer Simulation Conference

Papers:

"Future of Modelling and Simulation: Some Development Areas"

"Rationale for A Code of Professional Ethics for Simulationists"

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

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)

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

2002 July 29 - August 4, Aquila, Italy

[SSGRR-2002S](#) - Conference on Infrastructure for e-Business, e-Education, e-Science, and e-Medicine of the Scuola Superiore G. Reiss Romoli

Invited Speaker (Invitation declined)

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"

2002 July 31 - August 1, Baden-Baden, Germany

[Special Focus Symposium](#) on: Cognitive, Emotive and Ethical Aspects of Decision Making and Human Actions (within InterSymp 2002)

Paper : "In Search of a Value System for Sustainable Civilization: Ethics and Quality"

2002 October 11-13, Forth Worth, Texas

[IEEE DS-RT'2002](#) - 6th IEEE International Workshop on Distributed Simulation and Real Time Applications

Co-located with [MASCOTS'2002](#) - International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems.

Member of the Advisory Board

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)

Co-sponsors:

EUROSIM (Federation of European Simulation Societies)

IMACS (International Association for Mathematics and Computers in Simulation)

JSST (Japanese Society for Simulation Technology)

KSS (Korean Society for Simulation)

SCS (Society for Modeling and Simulation International)

A **Co-chair** of the [International Program Committee](#)

Invited Plenary Speech: "Growing Importance of Modelling and Simulation: Professional and Ethical Implications"

– 2003 –

2003 February 5-7, Vienna, Austria

[4th MATHMOD](#) - Fourth International Symposium on Mathematical Modelling

Sponsored by: Vienna University of Technology

Reviewer for the Conference

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 July 20-24, Montreal, P.Q., Canada

[SSiMC'03](#) - Summer Computer MultiConference 2003

Member of the International Program Committee

Organizer of the Track of Sessions on: "[Agent-directed Simulation](#)"

Chairman of a Session 1 on Agent-directed simulation

Papers (with Dr. N. Ghasem-Aghae):

- Personality Representations Processable in Fuzzy Logic for Human Behavior Simulation
- Towards Fuzzy Agents with Dynamic Personality for Human Behavior Simulation

2003 July 23, Montreal, P.Q., Canada

[SimSummit'03](#) - 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)

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

2003 July 27-30, Orlando, FL

[SCI 2003](#) - The 7th World Multiconference on Systemics, Cybernetics and Informatics

Reviewer for the Conference

2003 July 31 - August 2, Orlando, FL

[CCCT-2003](#) - International Conference on Computer, Communication and Control Technologies and

ISAS'03 - The 9th International Conference on Information Systems, Analysis and Synthesis.

Reviewer for the Conference

2003 October 3-4, Chicago, Illinois

[Agent 2003](#) - The Agent 2003 Conference on Challenges in Social Simulation.

Paper (with Dr. Levent Yilmaz):

- Towards Simulation-Based Problem Solving Environments for Conflict Management in Computational Social Science

2003 October 7-27, Istanbul, Turkey

[TBV BBO-2](#) - 2nd Media Informatics School of the Turkish Informatics Foundation

(In Turkish: TBV Basin Bilisim Okulu).

Invited Lectures:

- Proper Use of Turkish in Informatics (In Turkish: [Bilisimde Özenli Turkce](#))
- Code of Professional Ethics for Informatics (In Turkish: [Bilisim Meslegi Ahlak İlkeleri](#))

2003 October 13-17, Halifax, Canada

[IAT 2003](#) - The 2003 IEEE/WIC International Conference on Intelligent Agent Technology

Member the Program Committee

2003 October 23-25, Delft, The Netherlands

[DS-RT 2003](#) - The 7th IEEE International Symposium on Distributed Simulation and Real Time Applications

In Conjunction with The 15th European Simulation Symposium [ESS 2003](#)

Member of the Advisory Board Committee

2003 December 3-4, Tucson, Arizona

[DLS03](#) - NSF Workshop on Modeling and Simulation of Large Software-Intensive Systems: Challenges and New Research Directions

(participation by invitation only - invitation declined)

2003 December 7-10, New Orleans, Louisiana

[WSC 2003](#) - Winter Simulation Conference

Reviewer for the Conference

- 2004 -

2004 May 3-5, Lisboa, Portugal

[ABS2004](#) - the 5th International Workshop on Agent-Based Simulation.

Member of the Program Committee

2004 June 16-17, Ottawa, ON, Canada

[JSMARTS](#) Vision Workshop, Director Material Acquisition and Support Program, Canadian DND

Presentation: [M&SNet](#), OC-MISS, and International Synergistic Opportunities

2004 July 16-19, Avila, Spain

[e-Society 2004](#) - Conference of the IADIS

(International Association for the Development of Information Society).

Member of the Scientific Committee

2004 July 18-21, Orlando, FL

[SCI 2004](#) - The 8th World Multiconference on Systemics, Cybernetics and Informatics

Reviewer for the Conference

2004 July 25-29, San Jose, California

[SCSC'04](#) - Summer Computer Simulation Conference 2004

Organizer (with Dr. Levent Yilmaz) of the Track of Sessions on: [Agent-directed Simulation](#)

Chair of the Session: Agent-Directed Simulation 1

Papers:

- N. Ghasem-Aghaee and T.I. Ören: Effects of Cognitive Complexity in Agent Simulation: Basics

- L. Yilmaz and T.I. Ören: Dynamic Model Updating in Simulation with Multimodels: A Taxonomy and a Generic Agent-Based Architecture

Invited Member of the Educational Panel

2004 July 25, San Jose, California

[M&SNet Workshop - Power of Synergy](#) (Participation by invitation only)

Organizer (with Dr. B.P. Zeigler and Dr. A. Bruzzone)

2004 July 28-30, Kuala Lumpur, Malaysia

[Informatics 2004](#) - International Conference on Informatics 2004

Reviewer for the Conference

2004 July 29-30, Baden-Baden, Germany

[Axiomatic Education II](#): The 2nd Symposium on the Substantive Professionalization of General Education; within the [InterSymp 2004](#) - The 16th International Conference on Systems Research, Informatics and Cybernetics of the [IIAS](#) - The International Institute for Advanced Studies in Systems Research and Cybernetics)

Invited Keynote Address (invitation declined)

2004 July 29-30, Baden-Baden, Germany

[Symposium on](#): Cognitive, Emotive and Ethical Aspects of Decision-Making in Humans and in AI; within the [InterSymp 2004](#) - The 16th International Conference on Systems Research, Informatics and Cybernetics of the [IIAS](#) - The International Institute for Advanced Studies in Systems Research and Cybernetics)

Invited Keynote Address (invitation declined)

2004 August 14-17, Austin, Texas

[CCCT'04](#) International Conference on Computing, Communications and Control Technologies.

Sponsored by: The University of Texas at Austin and
The International Institute of Informatics and Systemics (IIS)

Reviewer for the Conference

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)

2004 September 6-10, Paris, France

[EuroSim'04](#) - 5th EUROSIM Congress on Modelling and Simulation

Reviewer for a Session

2004 September 15, Marseille, France

[EPUM](#) Ecole polytechnique Universitaire de Marseille, Département du Genie Industriel et Informatique, Université de Provence-Aix-Marseille I

Invited Presentation:

- Growing Importance of Modelling and Simulation: Professional and Ethical Implications ([presentation](#))

2004 September 20-24, Beijing, China

[IAT-2004](#) 2004 IEEE/WIC/ACM International Conference on Intelligent Agent Technology
Member of the Program Committee

2004 October 4-6, Jeju Island, Korea

[AIS'2004](#): AI, Simulation and Planning in High Autonomy Systems
Member of International Program Committee

2004 October 13, Arizona, USA

[Foundations'04](#): V&V Workshop
Member of the Program Committee

2004 October 21-23, Budapest, Hungary

[DS-RT 2004](#): Eighth IEEE International Symposium on Distributed Simulation and Real Time Applications.

In conjunction with [ESS 2004](#) - 16th European Simulation Symposium, October 17-20, 2004, Budapest, Hungary.

Member of the Advisory Board

2004 October 28-31, Genoa, Italy

[CMS 2004](#) - Conference on Conceptual Modeling and Simulation
 Part of the I3M - International Mediterranean Modeling Multiconference
 Sponsored by SCS Mediterranean Council
Member of the Program Committee

Paper (with Dr. Levent Yilmaz): A Conceptual Model for Reusable Simulations within a Model-Simulator-Context Framework

2004 December 5-8, Washington, D.C.

[WSC 2004](#) - Winter Simulation Conference

Papers:

- T.I. Ören and L. Yilmaz: Behavioral Anticipation in Agent Simulation

- L. Yilmaz and T.I. Ören: Agent-supported Federated Simulation on the Semantic Web: Foundations of a Model Composability Approach

2004 December 8, Orlando, Florida

[SimSummit'04](#) - A Convention and Workshop on the Future of the Modeling and Simulation Profession, Industry, and Marketplace. (held during [IITSEC](#))

Observer of the McLeod Modeling and Simulation Network ([M&SNet](#)) of the Society for Modeling and Simulation International ([SCS](#))

(During this meeting, M&SNet is accepted to be an affiliate of the SimSummit.)

– 2005 –

10 invited talks:

China (1), France (3), Turkey (1), USA (5) (Philadelphia, PA (1), Potsdam, NY (1), Orlando, FL (3)) and 4 declined invited talks: France (1), Germany (2), Turkey (1)

2005 January 23 - 25, 2005, New Orleans, Louisiana

[SIMCHI'05](#) - 2005 International Conference on Human-Computer Interface Advances for Modeling and Simulation

Paper (with Dr. Levent Yilmaz) Quality Principles for the Ergonomics of Human-Computer Interfaces of Modeling and Simulation Software.

2005 February 24, 2005, Ankara, Turkey

[TOBB](#) - [Ekonomi ve Teknoloji Üniversitesi](#) (TOBB University of Technology and Economy)

Invited Member, Panel for the Inaugural Opening of the University

Presentation: (In Turkish) [Nasil bir Üniversite?](#)

2005 April 2-8, San Diego, CA

[ADS'05](#) - Agent-Directed Simulation. Part of the 2005 Spring Simulation Conference (SMC'05) (Formerly known as the Advanced Simulation Technologies Conference (ASTC))

Member of the International Program Committee

Paper (with C. Santoni, J.M. Mercantini, M.F.Q.V. Turnell): Effects of Operator Behavior Model in Agent-Supported User/System Interfaces to Improve System Safety.

2005 May-June, Marseille, France

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

Visiting researcher

2005 May 10, Toulouse, France

Reunion of [VERSIM](#) - Vers une théorie de la simulation

Invited presentations:

- [M&SNet](#) - The McLeod Modeling and Simulation Network of the Society for Modeling and Simulation International

- [Dictionary](#) of Modeling and Simulation: The Aims, the Approach, the Status, and the Future of the Work

2005 May, Pau, France

Université de Pau et des Pays de l'Adour

Invited Seminar (Invitation declined)

2005 June 2-3, Ankara, Turkey

[USMOS 2005](#) - National Defense Applications Modeling and Simulation Conference

Invited Speaker (Invitation Declined)

2005 June 10-12, Eskisehir, Turkey

[Biltek 2005](#) - International Informatics Congress

Member of the International Program Committee

2005 June 15-17, Benalmadena, Spain

[ASM 2005](#) - the IASTED International Conference on Applied Simulation and Modelling

Member of the International Program Committee

2005 June 16-17, Bodrum-Mugla, Turkey

[TAINN 2005](#) - Turkish Symposium on Artificial Intelligence & Neural Networks

Member of the Program Committee

2005 June 16-17, Ile de Porquerolles, France

Journées du [LSIS](#) - Laboratoire des Sciences de l'Information et des Systemes

Invited Presentations:

- [Modeling and Simulation of Human Behavior](#)

- [M&SNet and International Synergistic Opportunities](#) for LSIS and VERSIM

(and other member organizations of the M&SNet)

2005 June 27-30, Qawra, Malta

[e-Society 2005](#) - [IADIS](#) International Association for the Development of the Information Society

Member of the International Program Committee

2005 July 10-13, Orlando, FL

[WMSCI'05](#) - The 9th World Multi-Conference on Systemics, Cybernetics and Informatics

Reviewer for the Conference

2005 July 14-17, Orlando, FL

[EISTA'05](#) - International Conference on Education and Information Systems: Technologies and Applications

Reviewer for the Conference

2005 July 22-27, Las Vegas, Nevada

[AugCog'05](#) - Augmented Cognition International

Article (with M. Seck, C. Frydman, N. Giambiasi, and L. Yilmaz): Use of a Dynamic Personality Filter in Discrete Event Simulation of Human Behavior Under Stress and Fatigue.

2005 July 24-28, Philadelphia, PA

[SCSC'05](#) - Summer Computer Simulation Conference 2005

Member of the International Program Committee

Organizer (with Dr. Levent Yilmaz) of the [Track of Sessions on: Agent-directed Simulation](#)

Invited Luncheon Speaker: [Ethics in Simulation](#) (SimEthics)

2005 August 3, Baden-Baden, Germany

[Axiomatic Education III](#) - the Third Symposium on the Substantive Professionalization of General

Education. To be held in conjunction with the [InterSymp 2005](#) - The 17th International Conference on

Systems Research, Informatics and Cybernetics of the [IIAS](#) (The International Institute for Advanced Studies in Systems Research and Cybernetics)

Invited Keynote Address (Invitation declined)

2005 August 3-4, Baden-Baden, Germany

Special Focus Symposium on [Cognitive, Emotive and Ethical Aspects of Decision Making in Humans and in AI](#). To be held in conjunction with the [InterSymp-2005](#) - The 17th International Conference on Systems Research, Informatics and Cybernetics of the [IIAS](#) (The International Institute for Advanced Studies in Systems Research and Cybernetics)

Invited Paper (Invitation declined)

2005 September 12-14, Erlangen, Germany

[ABS 6](#) - Agent-Based Simulation 6

Member of the International Program Committee

2005 September 19-22, Compiègne University of Technology, France

[IAT 2005](#) - Intelligent Agent Technology

Member, International Program Committee

2005 September 21-23, Sakarya, Turkey

[IETC 2005](#) - Vth International Education Technology Conference

Article (with Ilknur Güven) Simulation in Science Education

(In Turkish: Fen Egitiminde Benzetim)

2005 October 19, Toronto, ON, Canada

[IBM CAS](#) Celebration of Pioneers of Computing in Canada

Coincides with [CASCON 2005](#), sponsored by the [IBM Toronto Lab](#) in partnership with the [NRC](#) (National Research Council of Canada)

Invited to participate as one of the Canadian Pioneers of Computing

(Selection by a peer committee)

2005 October 20-22, Marseille, France

[CM&SC](#) - Conceptual Modeling and Simulation Conference 2005,

within [I3M'2005](#) - International Mediterranean Multiconference

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

Co-sponsored by [M&SNet](#) - [McLeod](#) Modeling and Simulation Network of the SCS

Member, International Program Committee

Organizer (with Dr. Levent Yilmaz) of the Session on: Human Behavior and Performance Simulation

Article (with Dr. Nasser Ghasem-Aghaee and Marjan Kaedi) Effects of Cognitive Complexity in

Agent Simulation: Fuzzy Rules and an Implementation

2005 October 24-27, Beijing, P.R. China

[ASC](#) - Asian Simulation Conference 2005 (The Sixth International Conference on System Simulation and Scientific Computing (Beijing) (ICSC'2005))

Co-Chairman, International Program Committee
Keynote-speaker: Maturing Phase of the Modeling and Simulation Discipline

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

Member of the Panel on: Artificial Intelligence, Intelligent Agents and Game Technology

([Position Statement](#))

(Annual Special Event presented by the Society for Modeling and Simulation International - SCS)

Coordinators: Ms. Priscilla Elfrey, Dr. Levent Yilmaz, and. Mr. Jeffrey Wallace.

Moderator: Ms. Priscilla Elfrey

Invited Tutorials:

- Toward the Body of Knowledge of Modeling and Simulation
- Ethics in Modeling and Simulation (SimEthics)

2005 December 4-7, Orlando, Florida

[WSC](#) - Winter Simulation Conference

Reviewer

- 2006 -

2006 April 2-6, Auburn, Alabama

[ADS'06](#) - Agent-Directed Simulation.

Part of the 2006 Spring Simulation Multiconference (SpringSim'06)

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

Co-sponsored by [M&SNet](#) - [McLeod](#) Modeling and Simulation Network of the SCS

Symposium Chair (Program Co-Chairs: Dr. Gregory Madey, Dr. Levent Yilmaz)

2006 June 8-9, Ankara, Turkey

The 4th National (Turkish) Congress of **Informatics in Structures and Cities**.

[Yapı ve Kentte Bilişim 06](#)

Member of the International Program Committee

2006 June 9-19, Istanbul, Turkey

II. Bilgisayar Destekli Dil Bilimi Çalıştayı

T.C. ATATÜRK KÜLTÜR, DİL VE TARİH YÜKSEK KURUMU

Türk Dil Kurumu Başkanlığı

Invited Member of the Panel on: Computer-Aided Dictionary Preparation

2006 June 21-23, Mugla, Turkey

The 4th National (Turkish) Congress of **Informatics in Structures and Cities**.

[TAINN 2006](#)

- Fifteenth Turkish Symposium on Artificial Intelligence and Neural Networks
Member of the International Program Committee

2006 June 26-28, Rhodes, Greece

The 15th [IASTED](#) International Conference on: [ASM 2006](#) - Applied Simulation and Modelling.
Member of the International Program Committee

2006 July 13-16, Dublin, Ireland

[e-society 2006](#) Conference of [IADIS](#) -
 International Association for the Development of Information Society
Member International Program Committee

2006 July 20-23, Orlando, FL

[EISTA'06](#) - The 4th International Conference on Education and Information Systems, Technologies and Applications:
Reviewer for the Conference

2006 July 30 - August 3, Calgary, Canada

[M&S-MTSA'06](#) - 2006 SCS International Conference on:
 Modeling and Simulation - Methodology, Tools, Software Applications
Associate Program Chair

2006 July 30 - August 3, Calgary, Canada

[SCSC 2006](#) - Summer Computer Simulation Conference 2006
Member of the International Program Committee
Organizer (with Dr. Levent Yilmaz) of the [Track of Sessions on: Agent-directed Simulation](#)

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 1](#) - Modeling and simulation (M&S): A comprehensive view and an introduction to the Body of Knowledge
[Lecture 2](#) - Synergy of Systems Engineering and Modeling and Simulation
[Lecture 3](#) - Advanced M&S methodologies: Multimodels and multisimulations
[Lecture 4](#) - Growing scope and importance of modeling and simulation and necessity of ethics in simulation studies
[Lecture 5](#) - Agent-directed simulation and agents with dynamic personalities
[Lecture 6](#) - Systems with understanding ability and understanding agents

2006 September 26-27, Berlin, Germany

[Annual Joint Training and Simulation Conference, \(A Marcus Evans Event\)](#)
Invited Briefing: Toward the Body of Knowledge of Modeling and Simulation (Invitation declined)

2006 October 4-6, Barcelona, Spain

[EMSS 2006](#) - 2nd European Modeling and Simulation Symposium

Article: Body of Knowledge of Modeling and Simulation (M&SBOK): Pragmatic Aspects

2006 December 18-22, Hong Kong, China

The 2006 IEEE / WIC / ACM International Conference on

[IAT 2006](#) - Intelligent Agent Technology

Member, International Program Committee

– 2007 –

2007 February 8-10, Buenos Aires, Argentina

[AIS/CMS](#) Conference

(AIS: AI, Simulation and Planning in High Autonomy Systems;

CMS: Conceptual Modeling and Simulation)

Member, International Program Committee

2007 March 25-29, Norfolk, Virginia

[ADS'07](#) - Agent-Directed Simulation ([Final Program](#))

Part of the 2007 Spring Simulation Multiconference ([SpringSim'07](#) - [Final Program](#))

Co-located with [SISO Spring Simulation Interoperability Workshop \(SIW\)](#)

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

Symposium General Chair (Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey, Dr. Levent Yilmaz)

2007 April 19, Norfolk, Virginia

[2007 Capstone Conference](#) - 2007 Modeling, Simulation, & Gaming Student Capstone Conference

Hosted by: The Virginia Modeling, Analysis and mulation Center ([VMASC](#)) of [Old Dominion](#)

[University](#)

An invited judge in the Discipline of M&S Body of Knowledge Track

2007 May 30 - June 1, Montreal, Quebec, Canada

[MS 2007](#) - 18th [IASTED](#) International Conference on Modelling and Simulation.

Article (with Ghasem-Aghaee, N., L. PoorMohammadBagher, M. Kaedi)

Anger Filter in Agent Simulation of Human Behavior

2007 May 31 - June 3, Antalya-Belek, Turkey

[9. Verimlilik Toplantısı](#), TBD Kamu Bilgi İşlem Yöneticileri Birliği ([KamuBib](#))

Invited Presentation (in Turkish): [Bilişimde Özenli Türkçenin Yaşamsal Önemi](#).

2007 June 3-8, Antalya, Turkey

[IDPT](#) - World Conference on Integrated Design and Process Technology

Sponsored by:

SDPS- Society for Design and Process Design, SES - Software Engineering Society

ATE - Academy for Transdisciplinary Education, Texas Tech University

Invited Article (with Dr. Levent Yilmaz): On Multiresolution Simulation Modeling of Team and Human Behavior for Software Process Design.

2007 June 20-24, Marseille, France

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

Invited professor

2007 June 25-28, Las Vegas, Nevada, USA

[ECM MAI](#) 2007 - Extending Computational Cognitive Modelling to Issues of Multi-Agent Interaction, In conjunction with [ICAI'07](#) - International Conference on Artificial Intelligence

Member Program Committee

2007 July 3-3, Lisbon, Portugal

[e-society 2007](#) Conference of [IADIS](#) -

International Association for the Development of Information Society

Member International Program Committee

2007 July 8-11, Orlando, FL

[WMSCI 2007](#) - The 11th World Multi-Conference on Systemics, Cybernetics and Informatics

Reviewer for the Conference

2007 July 12-15, Orlando, FL

[EISTA'07](#) - The 5th International Conference on Education and Information Systems, Technologies and Applications

Reviewer for the Conference

2007 July 15-18, San Diego, CA

[SCSC 2007](#) - Summer Computer Simulation Conference 2007

Member, International Program Committee

Member, Tutorial Committee

Organizer & Chair (with Dr. Levent Yilmaz) of the Track of Sessions on: [Agent-directed Simulation](#)

Article: The Importance of a Comprehensive and Integrative View of Modeling and Simulation

Article (with Dr. Levent Yilmaz): Agent-directed Simulation Systems Engineering

Chairs of: Sessions: M52: Tools, Languages, and Infrastructures

& T53: MISS R&D Workshop, Part 2

2007 August 16, Istanbul, Turkey

[Istanbul Beşiktaş Rotary Klübü](#)

Invited Talk: Benzetim ve Yaşamımıza Katkısı (Simulation and its Contribution to our Lives)

2007 August 29-31, Palma de Majorca, Spain

[ASM 2007](#) - The 16th [IASTED](#) International Conference on: Applied Simulation and Modelling

Member, International Program Committee

2007 October 4-6, Bergaggi, Italy

[EMSS 2007](#) - 19th European Modelling and Simulation Symposium

Member, International Program Committee

Chair of the Sessions: Agent-Directed Simulation, Emergency Simulation & Crowd Behavior

Article: Reliability in Agent-directed Simulation

2007 October 8-10, Beijing, China

[AsiaMS 2007](#) - [IASTED](#) International Conference on Modelling and Simulation

Member, International Program Committee

2007 November 26-29, Orlando, Florida

[IITSEC](#) - Interservice/Industry Training, Simulation Conference

Tutorial (with Bill Waite): [Need for and Structure of an M&S Body of Knowledge](#)

2007 December 9-12, Washington, D.C.

[WSC](#) - Winter Simulation Conference

Article (with Levent Yilmaz, Simon Bowen, and Alvin Lim): Requirements and Design Principles for Multisimulation with Multiresolution Multistage Models.

2007 December 15-18, Marseille, France

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

Invited professor

– 2008 –

2008 February 20-22, Cambridge, UK

[Distributed Gaming](#) (special session) within the 7th [WSEAS](#) International Conference on [AKED'08](#) - AI, Knowledge Engineering and Data Bases

- **Member**: Organizing Committee

2008 March 22-25, Marseille, France

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

- **Invited professor**

2008 April 9-12, Algarve, Portugal

[e-society'08](#) - [IADIS](#) International Conference on e-society

- **Member**: Organizing Committee

2008 April 14-17, Ottawa, Ontario, Canada

[ADS'08](#) - Agent-Directed Simulation ([final program](#))

Part of the 2008 Spring Simulation Multiconference (**SpringSim'08**)

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

- **Symposium General Chair** (Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey, Dr. Levent Yilmaz, Dr. Andreas Tolck)

- **Chairs of** Session 1, Session 5 and the Tutorial Session
- **Presentation** (with Zeinab Mazadi, and Dr. Nasser Ghasem-Aghaee):
Prelude to Cultural Software Agents: Cultural Backgrounds in Agent Simulation
- **Poster:** [Agents with Personality and Emotional Filters for an E-learning Environment](#),
(Nasser Ghasem-Aghaee, Somayeh Fatahi and Tuncer Ören)

2008 June 16-19, Edinburgh, Scotland

SCSC 2008 - Summer Computer Simulation Conference 2008

(within the 2008 [International Simulation Multiconference](#))

- **Member** of the SCSC'08 Team
- **Organizer & Chair** (with Dr. Levent Yilmaz) of the Track of Sessions on [Agent-directed Simulation](#)
[M&SNet Directors Workshop](#) - International Workshop of the McLeod Modeling and Simulation Network;
Jointly with the Directors Research Workshop of [MISS](#) (McLeod Institute of Simulation Sciences)
(co-organizers: Dr. Tuncer Ören, Dr. M. McInnis, Dr. F. Longo)

2008 June 23-25, Corfu, Greece

[ASM 2008](#) - The 17th IASTED International Conference on Applied Simulation and Modeling

- **Member**, International Program Committee

2008 September 17-19, Campora San Giovanni, Italy

[EMSS 2008](#)- 20th European Modeling and Simulation Symposium

(within the [IMMM-5](#) - The 5th International Mediterranean and Latin American Modeling Multi-conference)

- **Member**, International Program Committee
- **Organizer** (with Dr. Levent Yilmaz) and Chair of the **Track** on [Agent-directed Simulation](#)
- **Co-Organizer & Co-Chair** (with [Dr. Agostino Bruzzone](#), [Dr. Francesco Longo](#), and [Dr. Giovanni Mirabell](#))
[M&SNet 2008 Workshop](#) - International Workshop of the McLeod Modeling and Simulation Network

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 - The lectures are in Turkish):

Lecture 1 - Modelleme ve benzetim: Geniş kapsamlı bir bakış
(Modeling and simulation: A comprehensive view)

Lecture 2 - Modelleme ve benzetim: Bilgi varlığı

(Modeling and simulation: A comprehensive view and the body of knowledge)

- Karmaşık benzetim çalışmaları için sistem mühendisliği ile modelleme ve benzetimin sinerjisine gereksinim

(Necessity of the synergy of systems engineering and modeling and simulation of complex simulation studies)

Lecture 3 - İleri modelleme ve benzetim yöntemleri: Çoklu model ve çoklu benzetim

(Advanced modeling and simulation methodologies: Multimodels and multisimulation)

- [Lecture 4](#) - Modelleme ve benzetimin kapsam ve önemindeki gelişmeler ve benzetim çalışmalarında etik gereksinimler
(Growing scope and importance of modeling and simulation and necessity of ethics in simulation studies)
- 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)
- Lecture 6 - Anlama yetenekli dizge ve etmenlerinin temelleri ve ileri uygulamaları
(Systems and agents with understanding: Foundations and advanced applications)

2008 October 10-12, Chengdu, China

- [ICSC'2008](#) - The Asia Simulation Conference 2008 / Seventh International Conference on System Simulation and Scientific Computing
- **Co-Chair**, International Program Committee
 - **Invited Keynote Presentation**: "Agent-directed simulation" (Invitation declined due to time conflict)

2008 December 7-10, Miami, FL

- [WSC](#) - Winter Simulation Conference
- Panel (Chair: Dr. Levent Yilmaz): What Makes Good Research in Modeling and Simulation
- [Panel Discussion](#) on: Sustaining the Growth and Vitality of the M&S Discipline
- **Position Statement**: A Framework for Desirable Activities and Research in M&S.

2008 December 9-12, Sydney, Australia

- The 2008 IEEE / WIC / ACM International Conference on
- [IAT 2008](#) - Intelligent Agent Technology
- **Member**, International Program Committee

– 2009 –

2009 February 25-27, Barcelona, Spain

- [e-society 2009](#) - The [IADIS](#) e-Society 2009 conference
- **Member** of the Program Committee

2009 March 4 and 11

- Introductory Webinars: Modeling & Simulation Body-of-Knowledge Index (M&S BOK Index)
- (Bill Waite and Tuncer Ören) [slides](#) (9.69 MB)
 - (from the M&S Body-of-Knowledge: [BoK Sharepoint site](#))

2009 March 22-27, San Diego, CA

- [ADS'09](#) - Agent-Directed Simulation ([final program](#))
- Part of the 2009 Spring Simulation Multiconference ([SpringSim'09](#))
- Sponsored by [SCS](#) -The Society for Modeling and Simulation International
- **Symposium General Chair**
 - (Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey, Dr. Levent Yilmaz; Publicity Chair: Dr. Yu Zhang)

2009 March 22-27, San Diego, CA

[ANNS'09](#) - 42nd Annual Simulation Symposium

Part of the 2009 Spring Simulation Multiconference ([SpringSim'09](#))

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

- **Member** of the Program Committee

2009 March 22-27, San Diego, CA

[MSEng'09](#) - Modeling and Simulation in Engineering

Part of the 2009 Spring Simulation Multiconference ([SpringSim'09](#))

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

- **Member** of the Program Committee

2009 July 10-13, Orlando, Florida

[EISTA 2009](#) - The 7th International Conference on Education and Information Systems, Technologies and Application (within the IMSCI 2009 - 3rd International Multi-Conference on Society, Cybernetics and Informatics)

- **Reviewer** (invitation declined)

2009 July 10-13, Orlando, Florida

[WMSCI 2009](#) - The 13th World Multi-Conference on Systemics, Cybernetics and Informatics

(jointly with the ISAS 2009 - The 15th International Conference on Information Systems Analysis and Synthesis)

- **Reviewer** (invitation declined)

2009 July 10-13, Orlando, Florida

[EEET 2009](#) - Engineering Education and Educational Technologies

Jin the context of the 2nd International Multi-Conference on Engineering and Technological Innovation

- **Reviewer** (invitation declined)

2009 July 10-13, Orlando, Florida

[AG 2009](#) - The 2nd International Symposium on Academic Globalization

Jointly with the 13th World Multi-Conference on Systemics, Cybernetics and Informatics

- **Reviewer** (invitation declined)

2009 July 10-13, Orlando, Florida

[IMSCI 2009](#) - The 3rd International Multi-Conference on Society, Cybernetics and Informatics

- **Reviewer** (invitation declined)

2009 July 13-16, Istanbul, Turkey

[ISMCI'09](#) - 2009 International Simulation Multiconference (final [program](#))

Sponsored by The Society for Modeling and Simulation International ([SCS](#)) and SISO

- [Honorary Chair](#)

- **Keynote Speech:** [Simulation and Reality: The Big Picture and Challenges](#) (at [SPECTS 2009](#)) ([presentation](#)) Full article:

Ören, T.I. (2010). Simulation and Reality: The Big Picture. (Invited paper for the inaugural issue) International Journal of Modeling, Simulation, and Scientific Computing (of the Chinese Association for System Simulation - CASS) by the World Scientific Publishing Co. China.

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)

- **Organizer & Chair** (with Dr. Levent Yilmaz) of the [Agent-directed Simulation](#) Workshop

- **Co-Organizer** (with Drs. Mike McGinnis, Agostino Bruzzone, and Francesco Longo):

[M&SNet](#) **Directors Workshop:**

International Workshop of the McLeod Modeling and Simulation Network of SCS;

Jointly with the Directors Research Workshop of [MISS](#) (McLeod Institute of Simulation Sciences)

- **Member** of the panel (organized by Dr. Andreas Tolk, ODU):

Emerging M&S Challenges for Human, Social, Cultural, and Behavior (HSCB) Modeling

Panel members: Tim Bacon, JFCOM; Paul Davis, RAND; Tuncer Ören, UO; John Sokolowski,

VMASC

- **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.

- Ghasem-Aghaee, N., B. Khalesi, M. Kazemifard, and T.I. Ören.

Anger and Aggressive Behavior in Agent Simulation.

- Yilmaz L. and T. I. Ören (2009).

Rethinking M&S using Models of Creative Cognition to Enhance Computational Discovery.

- **Chair** of the Session: Applications in Business, Planning, and Logistics

2009 July 13-16, Istanbul, Turkey

[GCMS'09](#) - Grand Challenges in Modeling & Simulation 2009

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

- **Member**, International Program Committee

2009 September 7-9, Palma de Majorca, Spain

[ASM 2009](#) - The 18th [IASTED](#) International Conference on Applied Simulation and Modelling

- **Member**, International Program Committee (Invitation declined)

2009 September 7-9, Milano, Italy

The 2009 IEEE / WIC / ACM International Conference on

[IAT 2009](#) - Intelligent Agent Technology

- **Member**, International Program Committee (Invitation declined)

2009 September 20-25, Porto, Portugal

[SIMUL 2009](#) - The First International Conference on Advances in System Simulation

- **Member**, Scientific Program Committee (Invitation declined)

2009 September 23-25, Puerto de la Cruz, Tenerife, Canary Island, Spain

[EMSS 2009](#) - 21st European Modeling and Simulation Symposium

(within the [IMMM-6](#) - The 6th International Mediterranean and Latin American Modeling Multi-conference)

- **Member**, International Program Committee

- **Organizer** (with Dr. Levent Yilmaz) of the **Track** on [Agent-directed Simulation](#)

2009 October 12-14, Beijing, China

[MSI 2009](#) - [IASTED](#) International Conference on Modelling, Simulation and Identification

- **Member**, International Program Committee (Invitation declined)

- 2010 -

2010 March 18-21, 2010 - Porto, Portugal

[e-society 2010](#) - The [IADIS](#) e-Society 2010 conference

- **Member** of the Program Committee (invitation declined)

2010 March 17-18, Washington, DC

[MSAHS-2010](#)-Workshop on “Grand Challenges in Modeling, Simulation, and Analysis for Homeland Security”

U.S. Department of Homeland Security, Science & Technology Directorate

- **Member**, Program Committee

2010 April 8, Norfolk, VA

Old Dominion University, VMASC (Virginia Modeling Analysis and Simulation Center)

Modeling, Simulation & Visualization [Student Capstone Conference](#)

- **Keynote speaker** (at the awards banquet) Simulation and Promising Future ([presentation](#))

2010 April 11-15, Orlando, FL, USA

[ADS'10](#) - Agent-Directed Simulation

Part of the 2010 Spring Simulation Multiconference ([SpringSim](#)) ([final program](#))

Sponsored by [SCS](#) -The Society for Modeling and Simulation International

in collaboration with ACM/SIGSIM

- **Symposium General Co-chair** (with Dr. Levent Yilmaz)

(Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey; Dr. Yu Zhang)

2010 May 10-12, Hammamet, Tunisia

[MOSIM 2010](#) - 8ème Conférence Internationale de Modélisation et Simulation

- **Member**, [Science Committee](#)

2010 June 3-5, Kusadasi, Turkey

1st International [Symposium](#) on Computing in Science and Engineering ([CFP](#))

Faculty of Engineering, Gediz University, Turkey

- **Member**, Science Committee

- **Invited speaker** at the opening plenary session

2010 June 29 - July 2, Orlando, Florida

[AG 2010](#) - Academic Globalization

(within the WMSCI 2010 - 14th Multi-Conference on Systemics, Cybernetics and Informatics)

- **Reviewer** (invitation declined)

2010 July, Orlando, Florida

[EISTA 2010](#) - The 8th International Conference on Education and Information Systems, Technologies and Application (within the IMSCI 2010 - 4th International Multi-Conference on Society, Cybernetics and Informatics)

- **Reviewer** (invitation declined)

2010 July 11-14, Ottawa, Ontario, Canada

[SCSC 2010](#) - Summer Computer Simulation Conference 2010

Part of SummerSim'10 - Summer Simulation Multiconference of [SCS](#)

which is part of [ISMC'10](#) - 2010 International Simulation Multiconference

- **Member**, International Program Committee

- **Co-organizer** (with Dr. Levent Yilmaz) of the Track of Sessions on Agent-directed Simulation ([ADS](#))

- **Co-organizer** (with Mr. Bill Waite) of a [workshop on M&S Body of Knowledge](#)

- **Co-organizer** (with Drs. Agostino Bruzzone, Mike McGinnis, Francesco Longo) M&SNet Directors' Meeting (jointly with MISS)

2010 July 23, Athens, Greece

1st International Workshop on Software and Simulation Components- [S2C](#)

Hosted by the 5th International Conference on Software and Data Technologies” - ICSOFT 2010

Member, IPC

2010 August 31 - September 3, Toronto, Ontario, Canada

The 2010 IEEE / WIC / ACM International Conference on

[IAT 2010](#) - Intelligent Agent Technology

- **Member**, International Program Committee (Invitation declined)

2010 October 13-15, Fes, Morocco

[EMSS 2010](#)- 22th European Modeling and Simulation Symposium

(within the [IMMM-7](#) - The 7th International Mediterranean and Latin American Modeling Multi-conference)

- **Member**, International Program Committee

- **Organizer** (with Dr. Levent Yilmaz) of the **Track of Sessions** on [Agent-directed Simulation](#)

2010 November 24-26, Bangkok, Thailand

[AsiaMSI 2010](#) - [IASTED](#) International Conference on Modelling, Simulation and Identification

- **Member**, International Program Committee (Invitation declined)

– 2011 –

2011 March 5-7, Hammamet, Tunisia

ICMSCM - International Conference on Modelling, Simulation and Condition Monitoring
- **Honorary Co-Chair**

2011 April 3-7, Boston, MA, USA

ADS'11 - Agent-Directed Simulation Symposium
Part of the 2011 Spring Simulation Multiconference ([SpringSim'11](#))
Sponsored by [SCS](#) -The Society for Modeling and Simulation International
in collaboration with ACM/SIGSIM
- **Symposium General Co-chair** (with Dr. Levent Yilmaz)
(Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey; Dr. Yu Zhang)

June 22-24, Crete, Greece

ASM 2011 - IASTED International Conference on Applied Simulation and Modelling
- **Member**, International Program Committee (Invitation declined)

Active involvements in Conferences and Seminars: in the 1990s

1999

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)

1999 December 14, Gebze, Kocaeli, Turkey

GYTE (Gebze Technology Institute)

Invited Seminar: Artificial Intelligence Applications in Software Engineering: Software Agents
(In Turkish: Yazılım Mühendisliğinde Yapay Zekâ Uygulamaları: Yazılım Etmenleri)

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

1999 October 27, Gebze, Kocaeli, Turkey

Marmara Research Center (MRC), Information Technologies Research Institute (ITRI)

Presentation: Simulation in Engineering Education (In Turkish: Mühendislik Eğitiminde Benzetim)

1999 October 22-23, College Park, MD

3rd International Workshop on Distributed Interactive Simulation and Real Time Applications (DIS-RT'99) <http://www.cs.unt.edu/~boukerck/wdis99>

Member of the Advisory Board Committee

1999 October 19-21, China

The 4th Beijing International Conference on System Simulation and Scientific Computing (BICSC'99)) <http://ns.dept3.buaa.edu.cn/bicsc/bicsc99.htm>

Co-Chair of the International Program Committee

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

Chair of the Session on Software Engineering

1999 October 14-16, Bursa, Turkey

1st Information Technologies in Education Symposium

Uludağ University, <http://w20.uludag.edu.tr/~ebit/index.html>

Member of the Scientific Committee

Invited Presentation: Role of Simulation in Interactive Education

Chair of a Session

1999 October 6-8, Annecy, France

MOSIM'99 - Deuxieme conference francophone de modelisation et de simulation

Member of the Scientific Committee

1999 September 15, Gebze, Kocaeli, Turkey

Marmara Research Center (MRC), Information Technologies Research Institute (ITRI)

Presentation: NATO's Modelling and Simulation Master Plan

(In Turkish: NATO'nun Modelleme ve Benzetim Ana Planı)

1999 July 4-9, Schloss Dagstuhl, Germany

Agent-Oriented Approaches in Distributed Modelling and Simulation: Challenges and Methodologies <http://www.dagstuhl.de/DATA/Participants/99271.html>

Invited Presentation: Simulation, Artificial Intelligence and Agents: A Taxonomy

1999 July 2, Wageningen, The Netherlands

Wageningen University

Special Symposium: Simulation and Ethics

Invited Presentation: Responsibility, Ethics and Simulation

1999 June 14-17, Vienna, Austria

32nd ISATA (International Symposium on Automotive Technology and Automation)

Programme Track on Simulation, Virtual Reality and Supercomputing Applications

Invited Speaker: Invitation declined

1999 June 1-4, Warsaw, Poland

European Simulation Multiconference (ESM99)

Organized by SCS, assisted by IEEE Poland

<http://hobbes.rug.ac.be/~scs/conf/esm99/index.html>

Member of the Program Committee of the Simulation Validation Methodology Track

Referee for Publication of Articles in a Journal

1999 May 5, Istanbul, Turkey

ITU (Istanbul Technical University), Computer Engineering Dept.

<http://www.cs.itu.edu.tr/~oktug/seminerler~html>

Invited Seminar: Quality Criteria for the Evaluation and Design of User/Software Interfaces

(In Turkish: Kullanıcı/Yazılım Arayüzlerinin Değerlendirilme ve Tasarımları için Nitelik Ölçütleri)

1999 April 11-15, San Diego, CA

32nd Annual Symposium; In cooperation with IEEE and ACM

<http://www.eecs.tufts.edu/~ss99/>

Member of the Program Committee

1999 March 12, Ankara, Turkey

ASELSAN Engineers Day (ASELSAN Mühendislik Günleri)

Invited Seminar: Simulation in Defense Industries

(In Turkish: Savunma Sanayiinde Simulasyonun Yeri)

1999 March 3, Buca, Izmir, Turkey

Invited Seminar: Quality Criteria for User/System Interfaces

(In Turkish: Kullanıcı/Sistem Arayüzleri için Nitelik Ölçütleri)

1999 February 12, Ankara, Turkey

AFCEA (Armed Forces Communications and Electronics Association) Turkish Chapter

Invited Seminar: Software Agents (In Turkish: [Yazılım Etmenleri](#))

1999 January 12-14, Paris, France

Symposium on Modelling and Analysis of C3I (Command, Control, Communications and Intelligence)

Systems, NATO R&T Agency, 12-14 January 1999, Fort d'Issy les Moulineaux, near Paris, France

Presentation (with Selim Cetin): Quality Criteria for User/System Interfaces

1998**1998 December 15, Istanbul, Turkey**

Bogazici University, Computer Engineering Dept.

Invited Seminar: Software Agents

1998 November 18-20, Rouen, France

Colloque international NTICF'98 (Les nouvelles technologies pour l'information et la communication appliquees a la formation. <http://nticf98.insa-rouen.fr>)

PSI, INSA

Member: Engineering Sciences Advisory Committee

1998 November 9, Görükle, Bursa, Turkey

Uludag University, Faculty of Education, Dept. of Computer and Education Technologies

Invited Seminars: - Modelling and Simulation: A Contemporary Approach (In Turkish)

- Simulation and Artificial Intelligence (In Turkish)

1998 October 21, Washington, DC

VVA (Validation, Verification and Accreditation) Workshop

Joint Meeting of NATO NG-6 (Naval Group 6) Specialist Team on SBDVP (Simulation -Based Design and Virtual Prototyping) and Industry (NIAG: NATO Industrial Advisor Group)

Participation as the Industrial Expert from Turkey

1998 September 2-6, Istanbul, Turkey

Informatics'98 (In Turkish: Bilisim'96), Turkish Informatics Society

Presentation: (with Selim Cetin and Fatih Hocaoglu)

Criteria for User/System Interfaces

(In Turkish - [Kullanici Makina Arayüzleri icin Nitelik Olcutleri](#))

1998 August 6-7, Sakarya, Turkey

2nd International Symposium on Intelligent Manufacturing Systems, [IMS'98](#)

Member of the International Program Committee

1998 July 26-28, Beidaihe, Qinhuangdao, China

The 3rd Workshop of the International Institute for General Systems Studies

Member of the International Program Committee

1998 July 19-20, Montreal, Canada

DIS-RT98: 2nd International Workshop on Distributed Interactive Simulation and Real Time Applications (within the 6th International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS'98, <http://www>).

Member of the Advisory Committee

1998 June 28 - July 3, St. Petersburg, Russia

3rd St. Petersburg Workshop on Simulation

Invited Speaker (Invitation declined)

1998 April 1-3, Ankara, Turkey

MODSIM - Modelling and Simulation Seminar, Turkish Armed Forces

Member of the Advisory Committee

Invited Plenary Presentation:

Simulation Technology: Worldwide State-of-the Art and what can be done in Turkey

(In Turkish: Simülasyon Teknolojisi: Dünyadaki durum ve Türkiye’de yapilabilecekler.).

Moderator of a Panel: Military Applications of Simulation: Why? How?

Presentation in the Session: Views on the Modelling and Simulation Concept

1998 January 11-14, San Diego, CA

ICSEE’98 - 1988 International Conference on Simulation in Engineering Education

Member of the Technical Committee

1997

1997 Dec. 12, Istanbul, Turkey,

Yeditepe University

Invited Seminar: Software Agents (in Turkish: Yazilim Etmenleri)

1997 Dec. 4, Ankara, Turkey

Seminar of AFCEA (Armed Forces Communications and Electronics Association) Turkish Chapter

Invited Presentation: Criteria for User/System Interface Design and Evaluation (In Turkish)

1997 September 25-27, Ankara, Turkey

Seminar of AFCEA (Armed Forces Communications and Electronics Association) Turkish Chapter In conjunction of IDEF TURKEY’97, 3rd International Defence Industry and Civil Aviation Fair

Invited Presentation: Criteria for User/System Interface Design and Evaluation

Chair of Session I on: Surveillance 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: - Software Agents (September 17)

- Program Understanding (September 18)

1997 September 1-4, Singapore

1st World Congress on Systems Simulation,

<http://www4.informatik.uni-erlangen.de/~rimane/wcss97.html>

Sponsors: - IEEE Singapore, The Society for Computer Simulation International (SCS)

- The Society for Computer Simulation Europe (SCS),

With the co-operation of over 15 international, regional, or national organizations

General Program Chair & Co-Editor of the Proceedings

Presentation: (with B. Abdullah) Enhancement of a Simulation Environment with IMAGES (Intelligent Multi-Agent Based Virtual Gauges)

1997 July 13-17, Arlington, VA

Summer Computer Simulation Conference

Presentation: Cognizant Simulative Design Environments

1997 July 4, Gölcük, Turkey

Software Engineering Center of the Gölcük Naval Base

Presentation: Program Documentation and Program Understanding Systems

1997 June 5-6, Rouen, France

MOSIM'97: Systemes de productions et de logistique

(Premiere conference francophone de modelisation et de simulation)

Sponsors: AFCET, FRANCOSIM, SCS

Invited Plenary Presentation: Intelligence artificielle et simulation

Chair of a session

1997 April 7-9, Atlanta, Georgia

30th Simulation Symposium

Member of the International Program Committee

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 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

1996**1996 Sept. 18-22, Istanbul, Turkey**

Informatics'96 (In Turkish: Bilisim'96), Turkish Informatics Society

Presentation: Intelligent Software Agents: Basic Concepts and Internet Applications (In Turkish - Akilli Yazilim Etmenleri: Temel Kavramlar ve Internet'teki Uygulamalar)

1996 August 14-18, Baden-Baden, Germany

Symposium on Modeling Anticipative Systems within

the 8th International Conference on Systems Research, Informatics and Cybernetics

Sponsors: International, Institute for Advanced Studies in Systems research and Cybernetics and Society for Applied Systems Research

Invited Keynote Address (Invitation Declined)

1996 August 13-17, Plovdiv, Bulgaria

5th International Colloquium on Numerical Analysis

Sponsors: International Federation of Nonlinear Analysts, Mathematical Society of Japan, Univ. of Catania, UNESCO

With the co-operation of: Association Suisse d'informatique, Canadian Mathematical Society, ...

Invited Lecture (Invitation Declined)

1996 June 19-21, Reno, California, USA

International Conference on Intelligent Systems
 Sponsor: International Society for Computers and their Applications
Member of the Program Committee

1996 June 3-6, Budapest, Hungary

Simulation Methodology and Artificial Intelligence Conference
 (as part of the SCS European Multiconference)
Member of the International Program Committee

1996 March 31 - April 4, New Orleans, Louisiana

1996 Simulation Symposium (in conjunction with the SCS 1996 Simulation Multiconference)
Member of the Program Committee

1996 March 27-30, Phoenix, Arizona

15th IEEE International Conference on Computers and Communications
Member of the Program Committee

1996 January 14-17, La Jolla, California

Mission Earth Conference (as part of the SCS Western Multiconference)
Member of the International Program Committee

1995**1995 November 15-17, Mexico City, Mexico**

3rd Conference on Computer Simulation
 Sponsors: Universidad Panamericana, McLeod Institute of Simulation Sciences
Invited Opening Speech: Artificial Intelligence and Simulation: A Typology

1995 October 26-28, Erlangen-Nuremberg, Germany

ESS'95 (European Simulation Symposium)
 Organized and Sponsored by: The Society for Computer Simulation International (SCS) and
 Simulation in Europe ESPRIT Working Group (SiE)
Member of the International Program Committee

1995 October 16-20, Beijing, China

3rd Beijing International Conference on System Simulation and Scientific Computing
 (BICSC'95)
 Chinese Association for System Simulation (CASS). Co-sponsors: EUROSIM, IMACS, JSST,
 SCS
 Member of the International Program Committee
Invited Plenary Session Speech (Invitation declined)

1995 Sept. 27 - Oct. 1, Istanbul, Turkey

Informatics'95 (In Turkish: Bilisim'95), Turkish Informatics Society
Presentations:
 - Fundamental Concepts for User-Friendly Software Interfaces
 - Knowledge-Based Software Engineering: Recent Advances-
 - Program Understanding:
 Fundamental Concepts and Applications in Object-Oriented Programming

1995 Sept. 19-22, London, UK

Fourth Grove Fuel Cell Symposium
 Commonwealth Institute, EPSRC (Engineering and Physical Sciences Research Council),
 European Fuel Cell Group, IEA Advanced Fuel Cells Programme
Poster Presentation: Modeling and Experimental Diagnostics of Heat and Water Management
 in Polymer Electrolyte Membrane Fuel Cells (by: G.R. Simader, N. Keon, T.I. Ören, C.T.
 Oliveira)

1995 August 28-30, Győr, Hungary

IMACS European Simulation Meeting on Simulation Tools and Applications
 Member of the International Program Committee
Invited Paper: (Invitation declined) Experimentations in Cognizant Simulation and in Cognizant
 Simulation Environments

1995 August 9, Waterloo, Ontario

University of Waterloo, Dept. of Systems Design Engineering
Invited Seminar: Architectures of Three Modelling and Simulation Environments Based
 on System Theoretic Concepts

1995 July 24-26, Ottawa, Ontario

[Summer Computer Simulation Conference](#),
 Sponsor: The Society for Computer Simulation International (SCSI)
Program Chairman, Papers: 3 co-authored Papers
Co-Editor of the Proceedings (with Prof. L.G. Birta)
Invited Speaker: “Enhancing Innovation and Competitiveness through Simulation”
Organizer and Moderator of the Panel on: Synergy of Artificial Intelligence and Simulation:
 Recent Advances and Promising Research Areas

1995 July 13-15, Slippery Rock, Pennsylvania

Inaugural Workshop of the International Institute for General Systems Studies
Member of the Organizing Committee (Invitation declined)

1995 June 12-14, San Francisco, CA

Fourth International Golden West Conference on Intelligent Systems
Member of the Program Committee

1995 June 1-2, Izmir, Turkey

2nd National Econometry and Statistics Symposium
 Sponsor: Izmir University, Department of Econometry of the Faculty of Economics and
 Administration
Invited Presentation, Member of a Panel, Chair of a Session (Invitation declined)

1995 April 9-13, Phoenix, Arizona

28th Annual Simulation Symposium
 In co-operation with: SCS, IEEE Computer Society, ACM
Member of the Program Committee

1995 January 18-20, Durham, North Carolina

MASCOTS'95 - International Workshop on Modeling, Analysis and Simulation of Computer
 and Telecommunication Systems
 Co-sponsored by: IEEE (Computer Society, TCCA, TCSIM) and Duke University

In co-operation with: ACM (SIGSIM, SIGARCH, SIGMETRICS), IFIP WG 7.3, and SCS.

Member of the Program Committee

1995 January 15-18, Las Vegas, Nevada

Mission Earth: Modeling and Simulation for a Sustainable Future

(Part of the 1995 SCS Western Multiconference on Computer Simulation)

Member of the Program Committee

1994

1994 December 7-9, Gainesville, Florida, USA

Distributed Interactive Simulation Environments:

5th IEEE Conference on AI, Simulation and Planning in High Autonomy Systems

Member of the Program Committee

1994 October 9-12, Istanbul, Turkey

ESS'94 (European Simulation Symposium)

Sponsor: The Society for Computer Simulation International (SCS)

In co-operation with: - The European Simulation Council

- Operational Research Society of Turkey (ORST)

Conference Chairman

Co-Editor of the Proceedings (with Profs. A.R. Kaylan and A. Lehmann)

Articles: (with R. Coskun)

- Simulation in Knowledge-Based Production Scheduling Systems: A State-of-the-Art Review

- SIMEX: A Simulation-Based Expert Production Scheduling System

Chair: Opening and closing sessions

1994 September 14-17, Istanbul, Turkey

Informatics'94 (In Turkish: Bilisim'94), Turkish Informatics Society

Presentations: - Knowledge-Based Software Engineering

- Simulation: Application Areas and Advantages

1994 July 4-7, London, England

ESDA (Biannual European Joint Conference on Engineering Systems Design and Analysis)

Sponsor: American Society of Mechanical Engineering (ASME)

Member of the Executive Committee

1994 June 21-23, Delft, Netherlands

Massively Parallel Processing (Sponsor: Dutch Benelux Simulation Society)

Member of the Scientific Committee

1994 May 16-20, Ottawa, Ontario

CAST-94 (Computer-Aided Systems Technology)

Organized by: - Ottawa Center of the McLeod Institute of Simulation Sciences

- State University of New York at Binghamton; Dept. of Systems Science, Binghamton, NY

- University of Ottawa; Graduate Systems Science Programme, Ottawa, On.

In Cooperation with:

- The International Federation for Systems Research (IFSR)

- The Society for Computer Simulation International (SCS)

Sponsored by: Ottawa Carleton Research Institute (OCRI)

General Chairman**Organizer and Moderator** of the Closing Panel on:

- CAST for Challenging Applications: Desirable Research Directions.

Article: Architectures of Mixed and Pure Knowledge-Based Approaches for Continuous Simulation Environments. (with Dr. N. Ghassem-Aghae)**Co-Editor** of the Proceedings (with Prof. George J. Klir). Springer-Verlag.**1994 January 31 - February 2, Durham, North Carolina**

International Workshop on Modeling, Analysis and Simulation of Computer and Telecommunication Systems

(MASCOTS '94) Sponsored by: ACM (SIGSIM, SIGARCH, SIGMETRIC); SCS; IEEE TCSIM, TCARCH; IFP WG 7.3

Member of the Program Committee**1994 January 24-27, Tempe, Arizona**

International Conference on Simulation in Engineering Education

Sponsored by: The Society for Computer Simulation International

Co-sponsors: American Society for Engineering Education & IEEE Education Society

Member of the International Program Committee**1993****1993 December 12-15, Los Angeles, California**

1993 Winter Simulation Conference

Sponsoring Agencies: ASA, ACM/SIGSIM, IEEE/SMCS, IIE, NIST, ORSA, TIMS/CS, and SCS

Article (with M. Hitz and H. Wertner): Employing Databases for Large Scale Reuse of Simulation Models**1993 October 25-28, Delft, The Netherlands**

The fourth European Simulation Symposium - ESS'93

Member of Program Committee: "Trends in Methods and Tools" Track**Chairman** of the Sessions: - Object-Oriented Modelling of Hybrid Systems

- Simulation in European Projects

Paper: Three Simulation Experimentation Environments: SimAd, SimGest, and E/Slam**1993 August 2-8, Baden-Baden, Germany**

4th International Symposium on Systems Research, Informatics, and Cybernetics

Sponsored by: - The International Institute for Advanced Studies in Systems Research and Cybernetics

- Society for Applied Systems Research

Keynote Address at the Plenary Session (Invitation Declined)**1993 July 19-21, Boston, Massachusetts**

1993 Summer Computer Simulation Conference

Sponsored by the Society for Computer Simulation

Chair of the Session on: Applications and Modelling**Presentation:** Knowledge-Based Simulation Environments

1993 May 31, Toronto, Ont., Canada

[National Workshop on Software Engineering Education](#)

IBM Canada, IBM Centre for Advanced Studies, NSERC, NRC, Information Tech. Research Centre

Paper: Needs of the Software Industry in the Next Decade

1993 February 24, Las Palmas, Gran Canaria, Canary Islands, Spain

International Symposium: CAST & CAD

Invited Paper: Computer-Aided Systems Technology for CAD Environments:

Paper : Complexity Issues and a Repository-Based Approach (Article with Dr. D.G. King).

1993 February 22-26, Las Palmas, Gran Canaria, Canary Islands, Spain

EUROCAST '93 - Third International Workshop on Computer Aided Systems Theory
Universidad de Las Palmas de Gran Canaria

In Cooperation with IFSR (International Federation of Systems Research)

Member of the International Program Committee

Keynote Address at the Opening Plenary Session (Invitation declined)

1993 February 15-19, Las Palmas, Gran Canaria, Canary Islands, Spain

Second Las Palmas Seminar on Computer Science

Universidad de las Palmas de Gran Canaria, Centro Internacional de Investigación en Ciencia de la Computación

Invited Lecture: Software Engineering Principles

1993 January 17-20, La Jolla, California

International Conference on Simulation in Engineering Education

Sponsored by: The Society for Computer Simulation International

Co-sponsors: American Society for Engineering Education & IEEE Education Society

Member of the International Program Committee

1992**1992 December 28, Istanbul, Turkey**

Tübitak (Turkish Scientific and Technical Research Institute) Marmara Research Centre

Invited Seminar: Research Topics in Program Understanding

1992 December 28, Istanbul, Turkey

TÜSSIDE (Turkish Institute of Industrial Management)

Invited Seminar: Rising Standards in Software Engineering

1992 December 24, Istanbul, Turkey

Bogaziçi Group

Invited Seminar (open to general public): Advances in Computer Applications

1992 December 19, Istanbul, Turkey

Bogaziçi University, Industrial Engineering Department

Invited Seminar: Principles and CASE Tools for User/System Interface Design

1992 December 13-16, Arlington, Virginia

Winter Simulation Conference 1992

Organizer and **Chairman** of the Session: Simulation Environments

Paper: (with Dr. D.G. King, Dr. L.G. Birta, Dr. M. Hitz)

- Requirements for a Repository-Based Simulation Environment

1992 December 1, Ottawa, Ontario

University of Ottawa, Systems Science Workshop: Systems Modelling with CASE Tools
The **Discussant** of the Workshop

1992 October 20-23, Beijing, China

[2nd Beijing Conference on System Simulation and Scientific Computing](#)

Chinese Association for System Simulation (CASS). Co-sponsors: EUROSIM, IMACS, JSST, SCS

Member of the International Program Committee

Chair of the Session: Software and Computer III

Invited Paper (Opening Keynote Session): Simulation Environments: Challenges for Advancement

1992 August 25-28, Berlin, Germany

4th International Symposium on Systems Analysis and Simulation

Sponsored by IMACS

Member of the International Program Committee

1992 July 6-7, Istanbul, Turkey

Bogaziçi University

Symposium: Advances in Simulation 1992

Symposium Chair

Co-Editor of the Proceedings

Paper: Advances in Knowledge-Based Simulation Environments

1992 June 29 - July 3, Istanbul, Turkey

European Joint Conference on Engineering Systems Design and Analysis (ESDA)

The American Society of Mechanical Engineers - Petroleum Division

Chairman of the International Advisory Committee

Co-Organizer (with Dr. M. Tanik) of the Panel on: Engineering Education and Computers

Co-Organizer (with Dr. M. Tanik) of the Panel on: Advances on Computers in Engineering

1992 June 25-27, Ankara, Turkey

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

Invited Paper: Towards Program Understanding Systems

1992 May 6, Ottawa, ON, Canada

IRMAC (Information Resource Management Association of Canada) Meeting

Invited Presentation: Object-Oriented Methods and Tools: C++

1992 May 4, Ottawa, ON, Canada

OSSA '92 - Ottawa System Science Applications Day (University of Ottawa)

Co-Organizer (with Dr. J. Doutriaux)

Moderator of the Panel on: Challenges for Systems Science in the Study of Complex Problems

Co-editor (with Dr. J. Doutriaux) of the Lecture Notes

1992 March 13, Linz, Austria

Johannes Kepler University

Invited Seminar: The Role of System Theories in Knowledge-Based Simulation Environments

1992 March 11, Vienna, Austria

University of Vienna

Invited Seminar: Advances in Knowledge-Based Simulation Environments

1992 January 28, Ottawa, ON, Canada

National Research Council Canada - Institute for Information Technology

Invited Presentation:

- Knowledge-Based Simulation Environments: State-of-the Art and Challenges for the Future

1991**1991 December 2-4, Istanbul, Turkey**

Symposium: Computer Applications in Industry and Automation II

Istanbul Technical University (ITU)

Under the auspices of the Turkish Ministry of Industry and Trade

Member of the Opening Panel on: Past, Present, and Future of Computerized Automation in Turkey

Invited Presentations: - Artificial Intelligence and its Applications in Industry (In Turkish)

- Quality in Software: Importance and Dimensions of the Problem (In Turkish)

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)

1991 October 15-17, Ottawa, Ontario

Bell Canada Quality Engineering Workshop III (participation by invitation only)

Invited Presentations:

- A Quality Engineering Environment for Simulation Studies: Progress Report

(with D.G. King, L.G. Birta, M. Hitz, and O. Abou-Rabia)

- Verification and Validation of Simulation Models Using E/Slam: Bell Case Study Experience

(with D.G. King, L.G. Birta, and M. Hitz)

1991 July 22-26, Dublin, Ireland

13th IMACS World Congress on Computation and Applied Mathematics

Co-sponsored by: IFAC, IFIP, IFORS, IMECO

Paper (with D.G. King and M. Hitz):

- Automatic Generation of Natural Language Documentation for Slam II Programs

1991 July 22-24, Baltimore, Maryland

Summer Computer Simulation Conference

Member of the Panel on: Neural Networks and Simulation Standards

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

- Machine Learning

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

- Object-Oriented Design and Programming:
A Methodology and a Computer-Aided Software Engineering Environment
- Quality Assurance in Simulation and Expert Systems
- Artificial Intelligence in Software Engineering Education

1991 May 30 and June 3, Istanbul, Turkey

TÜSSIDE (Turkish Institute of Industrial Management)

Under the auspices of the United Nations TOKTEN Program

Invited Speaker for Round Table Discussions with select Turkish industrialists on:
Advanced Computer Applications in Industry

1991 April 19, Buenos Aires, Argentina

GESI - Argentinian General Systems Society

Invited Seminar: Artificial Intelligence in Software Engineering

1991 April 18, Buenos Aires, Argentina

SADIO (Sociedad Argentina de Informática e Investigación Operativa)

Invited Seminar: Artificial Intelligence in Software Engineering

1991 April 15-19, Krems (Washau), Austria

EUROCAST '91 - Second International Workshop on Computer Aided Systems Theory

Sponsored by: Wissenschaftliche Landesakademie Krems, Austria

University of Johannes Kepler, Linz, Austria

& Universidad de Las Palmas de Grand Canaria, Spain

Cosponsored by: IFSR, IFAC SECOM

Member of the International Program Advisory Committee

1991 April 1-5, New Orleans, Louisiana

Artificial Intelligence and Simulation Conference, The Society for Computer Simulation

Invited Tutorial: Quality Assurance of Expert Systems and Knowledge-based Systems

1990

1990 Nov. 8, Ankara, Turkey

Invited Member of the Round Table Discussion Panel on "Information Age"

(Under the auspices of the Turkish Ministry of Culture)

(Broadcasted on the National TV in Turkey, Dec. 1990)

1990 Nov. 7, Ankara, Turkey

"Information Age" Seminar (Under the auspices of the Turkish Ministry of Culture)

Invited Seminar: Yazilimda Yapay Zeka (In Turkish - Artificial Intelligence in Software)

1990 October 8-10, Stockholm, Sweden

BIOMOVS (BIOspheric MOdel Validation Study) Symposium

Organized by: The Swedish National Institute of Radiation Protection

Supporting Organizations: IAEA, IUR, NKA, OECD/NEA, SSI

Paper (with G. Sheng): Software Reverse Engineering Tools to Enhance Confidence of Scientific Codes

1990 October 3-5, Montreal, PQ

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

Invited Presentations: - A Repository-based System to Enhance Simulation Productivity

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

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
Chairman of the Session on Traffic and Control
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 July 16-18, Calgary

Summer Computer Simulation Conference
Chairman of the Session on: Intelligent Simulation Systems 2

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 May 31 - June 22, München, W. Germany

Siemens
Invited Seminars: - A Program Understanding Environment for Simulation
 - A Graphic Scheme and a Computer Aided Software Engineering:
 Environment for Object-Oriented Programming in C++
 - Artificial Intelligence in Software Engineering
 - Quality Assurance of Expert Systems

1990 May 16-18, Ottawa, Ontario

CIPS - Annual Conference
Member of the Program Committee
Organizer and **Chairman** of the Session: Artificial Intelligence in Software Engineering
Presentation: Artificial Intelligence in Software Engineering:
 The State-of-the-Art and Promising Directions

1990 April 24-26, Callaway Gardens, Atlanta, Georgia

International Workshops on Software Quality and Productivity in the 1990s
 Sponsors: - IEEE Quality Assurance Management Committee
 - IEEE Communications Software Committee
Member of the International Program Committee

1990 March 26-27, Tucson, Arizona

AI and Simulation in High Autonomy Systems (Sponsor: UA ECE)
Member of the Industrial/Scientific Advisory Committee

1990 March 21-23, Rome, Italy

Modelling the Innovation: Communications, Automation and Information Systems
 (Sponsor: IFIP)

Member of the International Editorial Board

1990 January 17-19, San Diego, CA

Simulation and Artificial Intelligence (Western Simulation Multiconference) (Sponsor: SCS)

Member of the Panel on: CASE Tools to Support Modelling and Simulation

Active involvements in Conferences and Seminars: in the 1980s

1989

1989 December 4-6, Washington, D.C.

Winter Simulation Conference

Sponsors: ASA, ACM SIGSIM, IEEE SMCS, IEEE CS, IIE, NIST, ORSA, TIMS CS, SCS

Chairman of the Session on: Combined Techniques of Artificial Intelligence in Systems Analysis

1989 October 16,19, Beijing, China

Beijing International Conference on System Simulation and Scientific Computing

Member of the International Program Committee

(**Invited Paper** (Plenary Session): Expert Modelling and Simulation Environments

Professional Seminar: Artificial Intelligence in Simulation - Invitation Declined)

1989 October 9-13, Paris, France

International Symposium on: The Safety Assessment of Radioactive Waste Repositories

Sponsors: CEC, IAEA, OECD/NEA, CEA

Presentation (with G. Sheng): Software Tools for the Quality Assurance of Scientific Codes Used in Nuclear Fuel Waste Management Programs

1989 October 9, Cergy-Pontoise, Paris, France

Ecole internationale des sciences du traitement de l'information (EISTI)

Invited Seminars: - Essence of Artificial Intelligence in Software Engineering

- Machine Learning: A Systematic View

1989 October 2-3, McLean, Virginia

First Meeting of the IEEE Software Safety Working Group

Member of the Working Group

1989 September 27-28, Longueuil, Québec

Bell Canada - First Quality Engineering Workshop (Participation by invitation only)

Invited Presentation: (with L.G. Birta, O. Abou-Rabia)

- Quality Engineering in Modelling and Simulation

1989 August 21, Detroit, Michigan

Fourth Artificial Intelligence and Simulation Workshop

Within IJCAI-11: The 11th International Joint Conference on Artificial Intelligence

Member of the Panel of the Workshop

1989 August 6-10, Toronto, Ontario

Annual Meeting of ISEM (International Society for Ecological Modelling)

Chairman of the Session on: Applications of Ecological Models and Theoretical Implications

1989 July 3, Bornova, Izmir, Turkey

Ege University, Department of Computer Engineering

Invited Seminar: Yazilimda Yapay Zeka (In Turkish - Artificial Intelligence in Software Engineering)

1989 June 28, Istanbul, Turkey

Technical University of Istanbul, Faculty of Mechanical Engineering

Invited Seminar: Makine Öğrenmesi (In Turkish - Machine Learning)

1989 June 22, Prague, Czechoslovakia

Czechoslovak Academy of Sciences, Central Computing Centre

Invited Talk: An Algorithm-Based Programming and Program Documentation Environment

1989 June 21, Prague, Czechoslovakia

Charles University, Computer Science Department

Invited Seminars on:

- Essence of Artificial Intelligence in Software Engineering
- Artificial Intelligence in Modelling and Simulation
- Simulation Quality Assurance in the Artificial Intelligence Era

1989 June 15, Vienna, Austria

Vienna University

Invited Talk: Essence of Artificial Intelligence in Software Engineering

1989 April 25-27, Val David, Québec, Canada

International Workshop: Measurement of Quality During Life Cycle

Sponsor: IEEE Quality Assurance Management Committee

Member of the International Program Committee

1989 February 26-March 1, Las Palmas, Gran Canaria, Canary Islands, Spain

Eurocast'89 - International Workshop on Computer Aided Systems Theory

Organized by: Universidad Politécnica de Canarias and Johannes Kepler University, Linz, Austria

Member of the International Program Advisory Committee

Presentation: Quality Assurance, AI, and Computer-Aided Systems Theory

1998**1988 September 12-16, Berlin, E. Germany**

3rd International Symposium on Systems Analysis and Simulation

Member of the International Program Committee

1988 July 25-27, Seattle, Washington

Summer Computer Simulation Conference, Sponsor: SCS

Invited Presentation (Plenary Session): Quality Assurance in the Artificial Intelligence Era
(Reviewed in Simulation 51:5 (Nov.), 207).

1988 July 18-22, Paris, France

12th IMACS World Congress

Paper (with Grant Sheng): Semantic Rules and Facts for an Expert Modelling and Simulation

1988 June 29 - July 21 Beijing and Xian, China

Invited Lecture Tour under the joint sponsorships of:

- The Beijing Institute of Aeronautics and Astronautics and
- The Beijing Institute for Computer Applications and Simulation Technology

Invited Lectures:

- Artificial Intelligence in Software Engineering
- Artificial Intelligence in Modelling and Simulation

1988 June 6-10, Nice, France

European Simulation Multiconference, Sponsor: SCS

Paper (with J. Tam): An Expert Modelling and Simulation System on Sun Workstation

1987**1987 October 13, New York, NY**

The New York Academy of Sciences, Computer and Information Sciences Section

Seminar: Artificial Intelligence in Software Engineering

1987 October 2, Darmstadt, W. Germany

University of Darmstadt, Department of Mathematics

Invited Seminar: General System Theoretic Foundations of an Expert Modelling and Simulation System

1987 September 28 - October 1, Erlangen, W. Germany

4th GI/NTG Conf. on Measurement Modelling and Evaluation of Computer Systems

Organized by the Joint Special Interest Group of:

- Committee 3 of GI (Gesellschaft für Informatik)
- Committee 4 of NTG (Nachrichtentechnische Gesellschaft)

Invited Paper: Artificial Intelligence in Simulation

1987 September 21-25, Prague, Czechoslovakia

European Congress on Simulation

Invited Paper (Plenary Session): Simulation Methodologies

1987 July 27-30, Montreal, PQ, Canada

Summer Computer Simulation Conference - Sponsor: SCS

Paper: Model Update - A Model Specification Formalism with a Generalized View of Discontinuity

Tutorial: Machine Learning - A Taxonomy

Member of the Panel on: New Directions in Simulation and Artificial Intelligence

1987 June 16, Istanbul, Turkey

Technical Univ. of Istanbul, Faculty of Mechanical Engineering

Invited Seminar: A Method to Ease Computer Applications in Engineering

(In Turkish - Mühendislikte Bilgisayar Uygulamalarını Kolaylastıran bir Yöntem)

1987 June 3, Budapest, Hungary

IMACS Hungary

Invited Presentation: AI in Simulation - Cognizant Simulation Systems

1987 June 1-5, Budapest, Hungary

31st Meeting of IGSR - Co-sponsor: IIASA

Organizers: - Hungarian Academy of Sciences

- Bureau of Systems Analysis, Budapest, Hungary

Papers:

- Knowledge and Knowledge Processing Knowledge in Cognizant Systems: A Taxonomy
- Metamodels for Cognizant Systems: A Case for Expert Systems Specialized as Simulation Modelling Advisors

1987 May 19-22, Ottawa, Ontario, Canada

55ieme congres de l'ACFAS

Chairman of a Session on: Informatique et recherche opérationnelle

Presentation: L'apprentissage automatique et les logiciels autodidactes

1987 March 30 - April 2, Izmir, Turkey

The First International Conference on Statistical Computing

Invited Paper: Traditional and Cognizant Simulation and Other Model-Based Activities: An Integrative View

Discussant of the Session on: Statistical Design

Chairman of the Session on: Comparisons

1987 March 1-5, Tucson, Arizona

(Nuclear Fuel) Waste Management Conference

Sponsors: ASME RSC, UA CE, US DOE

Chairman of the Session on: Nuclear Fuel Waste Management Quality Assurance Programs

Paper (with M.S. Elzas): Technical Foundations for Quality Assurance of Systems Engineering Activities for Safety Assessment

1987 February 4, Ottawa, Ontario, Canada

Canadian Center for Remote Sensing

Invited Seminar: Machine Learning – A Taxonomy**1987 January 21-23, Tucson, Arizona**

4th International Symposium on Modelling and Simulation Methodology:

Intelligent Environments and Goal-Directed Models

Sponsors: AAAI, AFCEA, IEEE CS, SCS, UA CE

Co-director of the symposium**Invited Paper** (Opening Plenary Session): Bases for Advanced Simulation: Paradigms for the Future**Member of the closing Panel:** Quality Assurance in Simulation**1987 January 19-20, Tucson, Arizona**

Seminar in Knowledge-Based Simulation and Modelling, The University of Arizona

Lectures in Session: AI and Simulation III

- Cognizant Simulation Systems

- AI and Quality Assurance Methodology

1986**1986 December 8-10, Washington, D.C.**

Winter Simulation Conference 85

Sponsors ACM SIGSIM, IEEE CS, IEEE SMC, IIE, NBS, ORSA, SCS, TIMS CSG

Papers: - Quality Assurance in Cognizant Simulative Design Paper

- Multifaceted/Multiparadigm Modelling Perspectives (with B.P. Zeigler)

1986 November 7, Ottawa, Ontario, Canada

Seminar at the University of Ottawa, Computer Science Dept.

Presentation: Machine Learning: A Taxonomy**1986 September 9-12, Antwerp, Belgium**

2nd European Simulation Conference

Sponsored by SCS

Organized by Dutch Benelux Simulation Society

In Cooperation with: ASIM, ICS, SIMS, UKSC, IMACS, JSST

Article (with B.P. Zeigler) From Stone Tools to Cognizant Tools: The Quest Continues**Chairman** of the Panel Session on: Advanced Simulation Challenges**1986 August 11, Philadelphia, Pennsylvania**

Workshop on AI and Simulation, in conjunction with AAAI-86

(5th National Conference on Artificial Intelligence)

Discussant in the Panel on:

- Artificial Intelligence and Simulation - The State-of-the-Art and Future Directions

1986 July 15-17, Tokyo, Japan

Conference on Recent Advances in Simulation of Complex Systems

Sponsors: JSST, SCS, IMACS, IACM

Papers:

- Software Requirements of Knowledge Bases of an Advanced Simulation Environment

- An Adaptive-Order Discontinuity Algorithm for Simulation of Ordinary Differential Equations (with Ma Jihu)

Chairman of the Session: Artificial Intelligence**Member of the Panel** Session on Artificial Intelligence

1986 May 6, Trondheim, Norway

Statoil

Invited Seminar: Computer-Aided Creativity**1986 April 28-30, Izmir, Turkey**

Second National Computer-Aided Design Symposium

University of Ege, Faculty of Engineering

Invited Presentation: Ileri Benzetim Ortamlarında Bilgi Tabanları

(in Turkish - Knowledge Bases for an Advanced Simulation Environment)

Member of the Closing Panel Session**1986 February 26, March 6, Tucson, Arizona**

University of Arizona, Department of Electrical and Computer Engineering

Invited Seminars:

- A Unified Paradigm for Software Environments
- Knowledge Bases for an Advanced Simulation Environment

1986 January 23-25, San Diego, California

SCS Conference on Intelligent Simulation Environments

Paper: Knowledge Bases for an Advanced Simulation Environment**Chairman** of the Panel Session on: Complex Models**1985****1985 November 20-21, Tucson, Arizona**

Workshop on Expert Systems and Simulation Models

Moderator of the Workshop**Presentation:** Artificial Intelligence and Simulation: Dimensions to Explore**1985 November 18-19, Tucson, Arizona**

Seminar in Expert Systems and Simulation Models; Sponsors: NASA, UA CE

Presentation: Modular and Hierarchical Model Specification: A Basis for Knowledge-Based Modelling and Simulation**Chairman of the Panel** Session on: Methodological Issues**1985 November 14, Ottawa, Ont., Canada**

University of Ottawa. AI Meeting: Research in AI at the University of Ottawa

Presentation: Applications of AI in Software Engineering**1985 July 1-5, Papendal, Arnhem, The Netherlands**

Working Conference: Knowledge-Based Modelling and Simulation Methodologies

Sponsors: SAHR, North Holland

Associate Director of the Conference**Co-editor of the Proceedings****Chairman of the Sessions:**

- Expert Systems Storage and Representation
- Advanced Tools
- Expert Systems and Organizational Models

Papers:

- A Taxonomy of Knowledge and Learning in Simulation
- Artificial Intelligence in Quality Assurance of Simulation Studies
- A model-based Advisor and Certifier for GEST Programs (with Z.K. Aytaç)

Member of the Closing Panel on:

- Future Prospects for Artificial Intelligence in Simulation

1985 June 3, Laxenburg, Austria - IIASA**Seminar:** The Many Facets of Simulation:

A Taxonomy of Traditional and Artificial Intelligence Aspects

1985 April 24, Vienna, Austria

Austrian Cybernetics Society

Invited Lecture: The Many Facets of Simulation:

A Taxonomy of Traditional and Artificial Intelligence Aspects

1985 March 24-28, Tucson, Arizona

(Nuclear Fuel) Waste Management Conference

Sponsors: ANS FCWM, ASME RSC, EPRI, UA CE, US DOE

Co-Organizer (with John W. Bartlett) of the Session:

- Modelling and Simulation of Nuclear Waste Disposal Systems

Paper: Modelling Reliability and Software Quality Assurance in Simulation of Nuclear Fuel Waste

Management Systems (with M.S. Elzas and G. Sheng)

1985 February 25-27, Ghent, Belgium

Working Conference: Artificial Intelligence in Simulation

Sponsors:

- (Belgian) National Science Research Foundation, (Belgian) Ministry of Education

- European Community

- University of Ghent, Delft University of Technology

Invited Paper: Machine Intelligence in Software Engineering**1984****1984 August 27-30, Eger, Hungary**

IMACS European Simulation Meeting: Simulation in Research and Development

Member of the International Program Committee

Chairman of the Opening Session on Parallel Simulation**Member of the Closing Panel** Session**Paper** (with K. Aytac): Architecture of MAGEST: A Knowledge-Based Modelling and Sim. System**1984 June 17-21, Copenhagen, Denmark**

International Meeting of TIMS

Invited Presentation: Artificial Intelligence in Modelling, Simulation, and Simulation Software**1984 June 12-15, Trondheim, Norway**

Statoil

Invited Seminars:

- Top-down View of Simulation Methodology

- Classification and Characteristics of Simulation Models

- Concepts for Advanced Computer-Assisted Modelling

- Quality Assurance in Modelling and Simulation

- Directions for the Future of Computer-Assisted Modelling and Simulation

- Artificial Intelligence in Modelling, Simulation, and Simulation Software

- International Activities in Simulation Language Design

- Structured Documentation of Computer Programs and Algorithms

1984 May 22-24, Ottawa, Ontario, Canada

Conference of the Canadian Industrial Computer Society

Invited Paper: Discrete Event Simulation Software: A State-of-the-Art Review

1984 April 18, Hull, Quebec, Canada

CEGEP (College d'Enseignement General et Professionnel) de l'Outaouais

Invited Lecture: La Simulation**1984 April 5, Claremont, California**

Claremont Graduate School,

Invited Lecture: Future Directions for Model-Based Information Systems**1984 January 30 - February 4, Ottawa, Ontario, Canada**

University of Ottawa, Forum of Ideas. Theme: University

Invited Presentation: Computer in University Education**1983****1983 December 12-14, Arlington, Virginia**

Winter Simulation Conference

Member of the Panel Session on:

Simulation Methodology - Lessons of the Past and Prospects for the Future

1983 November 4, La Hulpe, Belgium

IBM European Systems Research Institute, Arthur K. Watson International Education Centre

Presentation: Graphic Representation of Pseudocodes and Computer Programs: A Unifying Technique and a Family of Documentation Programs**1983 October 18-20, San Jose, California**

First Educational Computing Conference, EdCompCon-83, IEEE Computer Society

Presentations of Papers:

- Simulation Education: A Software-Augmented Textbook Emphasizing Modelling Concepts (with B.P. Zeigler)

- Graphic Representation of Pseudocodes & Computer Programs: A Unifying Technique and a Family of Documentation Programs

1983 August 2, Izmir, Turkey

Department of Computer Science, Egean University

Invited Lecture: Foundations of Simulation**1983 July 28, Istanbul, Turkey**

Department of Computer Science, Bosphorous University

Invited Lecture: Desirable Research Directions in Modelling and Simulation**1983 June 20, Laxenburg, Austria - IIASA****Seminar:** Computer Assistance to Enhance Model Reliability in Coupling Large Number of Component Models in Gest**1983 June 16, Linz, Austria**

Institute for System Science, Johannes Kepler University

Invited Lecture: Structured Representation of Algorithms and Programs: An Improvement over Nassi-Shneiderman Diagrams**1983 June 14, Vienna, Austria**

Austrian Cybernetics Society

Invited Lecture: Structured Representation of Algorithms and Programs: An Improvement over Nassi-Shneiderman Diagrams**1983 June 8, Innsbruck, Austria**

Institute of Computer Science, University of Innsbruck

Invited Lecture: Structured Representation of Algorithms and Programs: An Improvement over Nassi-Shneiderman Diagrams

1983 June 3, Budapest, Hungary

IMACS Hungary

Invited Lecture: Characteristics of Quasi-Continuous-Change Models**1983 May 23-27 Detroit, Michigan, USA**

Plenary Panel Session on Simulation Methodology at the 27th Annual Meeting of the Society for General Systems Research

Invited Paper: Model-Based Information Technology: Computer and System Theoretic Foundations**1983 April 26-27, Rochester, Michigan, USA**

Conference on Artificial Intelligence

Center for Robotics and Advanced Automation, Oakland University

In Cooperation with US Army Material Systems Analysis Activity Aberdeen P.G.

Invited Presentation: Synergy of Artificial Intelligence, Modelling and Simulation**1983 April 12, Binghamton, NY, USA**

Department of Systems Science, School of Advanced Studies, State University of New York, Binghamton

Invited Lecture: Directions for the Future of Computer-Aided Modelling and Simulation**1983 April 11, Newark, Delaware, USA**

Department of Computer & Information Sciences, University of Delaware

Invited Lecture: Directions for the Future of Computer-Aided Modelling and Simulation**1983 March 14, Tampa, Florida, USA**

ACM SIGSIM Workshop:

Simulation and Model-Based Methodologies: A Contemporary View

Invited Papers: - Model Management for Complex System

- Model Construction in GEST: A Modelling and Sim. Language Based on General System Theory

1982**1982 November 5, Syracuse, NY, USA**

Dept. of Industrial Engineering and Operation Research, Syracuse University

Invited Lecture: Directions for the Future of Computer-Aided Modelling and Simulation**1982 November 4, Binghamton, NY, USA**

Department of System Science, School of Advanced Studies, State Univ. of New York, Binghamton

Invited lecture: Desirable Research Directions in Simulation Methodology and Software**1982 August 30-September 10, Ankara, Turkey**

Computer Engineering Department, Middle East Technical University,

Invited under the Aegis of the **United Nations**

to work as a consultant on the project MERNIS which aims computerization of the Turkish population records and

to give the following **invited lectures:**

- Top-down View of Simulation Methodology
- Classification and Characteristic of Simulation Models
- Concepts for Advanced Computer-Assisted Modelling
- Simulation Language Design and Implementation:

A Review of International Activities and a Case Study

- Quality Assurance in Modelling and Simulation
- Desirable Research Directions in Simulation Methodology and Software

1982 August 8-13, Montréal, Québec, Canada

10th World Congress of IMACS

Organizer (with L.G. Birta) of SCS Sessions

Organizer of a Session on Advanced Concepts in Modelling and Simulation I

Paper: Model Reliability in Interactive Modelling in GEST

Members of two panels on Simulation Education and Simulation Software

1982 July 26-August 6, Ottawa, Ontario, Canada

NATO Advanced Study Institute on Simulation and Model-based Methodologies: An Integrative View

Director of the Institute

Editor (with B.P. Zeigler, M.S. Elzas) of the Proceedings

Papers:

- Model-Based Activities: A Paradigm Shift

- GEST - A Modelling & Simulation Language Based on System Theoretical Concepts

- Quality Assurance in Modelling and Simulation: A Taxonomy

1982 July 1-3, Tassin-la-demi-lune, France

International AMSE Conference on Modelling and Simulation

Member of International Scientific Committee

1982 May 11, Ottawa, Ontario, Canada

Minicourse for Select High School Students, University of Ottawa

Lecture: Simulation

1982 May 4-5, Newark, NJ

Conference on Computer Simulation: A Research Focus

Sponsors: ORSA, SICSIM of the NY Chapter of ACM, and the Business Research Center of Rutgers University

Keynote Speech: State of Simulation Research and the Role of SIGSIM

1982 April 10-23, Bad Honnef, Bonn, W. Germany

International Working Conference on Model Realism

Paper: Quality Assurance of System Design and Model Management for Complex Problems

1982 April 2-3, Ottawa, Ontario, Canada

Computers in Science Education Conference of the Science Teacher's Association of Ontario

Invited Talk: Simulation in Science Teaching

1982 January 5-9, Washington, D.C.

International Conference on Systems Methodology and 26th Annual Meeting of the Society for General System Research

Paper: Promising Synergies of Simulation Model Management, Software Engineering, Artificial Intelligence and General System Theories

1981**1981 December 8-10, Atlanta, Georgia**

Winter Simulation Conference

Editor-in-Chief of the Conference Proceedings

Organizer and **Chairman of a panel** session on "General System Theories"

Theme: What Enhancements Could General System Theories Bring Into System Design, Modelling & Simulation & When?

Presentations: - Foundation for an Information Technology

- Structured Documentation of Computer Programs and Algorithms

1981 May 28-29, Chicoutimi, Quebec, Canada

Thirteenth Colloquium ASEE'81 - Theme: L'ordinateur, outil de formation de l'ingénieur

Invited presentation: la place de l'ordinateur dans la formation de l'ingénieur à l'Université d'Ottawa

1981 May 14, Pinawa, Manitoba

Colloquium on Model and Software Reliability

Organizer and one of the two **speakers** of the colloquium held under the aegis of AECL TAC

1981 May 4-6, Toronto, Ontario, Canada

CORS/TIMS/ORSA Meeting

Invited Talk: Assessing Acceptability of Simulation Studies: A Frame of Reference

1981 April 22-23, Washington, D.C.

Sponsors: SCS, GMD

Workshop on Model Acceptance

Participant : (Participant by invitation only)

1980**1980 December 3-5, Orlando, Florida USA**

Sponsors: AIIE, ACM SIGSIM, IEEE, SMC, ORSA, TIMS, CGS, SCS, US DOE

Program Chairman of the Winter Simulation Conference

Editor-in-Chief of the Proceedings of the Conference

1980 September 10, Namur, Belgium

Organizer and **Program Chairman** of the Symposium: "CYBERSOFT 80 -

Cybernetics and Software" held within the 9th International Congress of the International Association for Cybernetics

Editor of the Proceedings of the Symposium

1980 September 1-5, Berlin, E. Germany

International Symposium on Systems Analysis and Simulation

Invited Paper: New Directions in System Simulation: Methodology and Software

Member of the Panel on "Software for Systems Analysis"

Chairman of the Session on "Simulation Languages"

1980 June 25-27, Interlaken, Switzerland

International Symposium on Simulation - SIMULATION '80

Keynote paper: Computer-Aided Modelling Systems

Chairman of the "Modelling Methodology" Session

1980 April 21-22, New York, New York USA

Conference on Computer Simulation held at Columbia University

Presentation: Concepts & Criteria to Assess Acceptability of Simulation Studies: A Frame of Reference

1980 April 17, Ottawa, Ontario, Canada

Meeting to inaugurate the new co-operative programme in mathematics at the University of Ottawa

Invited Lecture: Computerized Simulation

1980 February 20, Ottawa, Ontario, Canada

"Journée Pédagogique" at the University of Ottawa

Invited Lecture: Simulation par Ordinateur

Active involvements in Conferences and Seminars: in the 1970s

1979

1979 December 3-5, San Diego, California, USA

Winter Simulation Conference

Participated in the Board Meeting of the WSC as the Program Chairman of WSC 80

1979 September 24-28, Sorrento, Italy

Congress of the International Association for Mathematics and Computers in Simulation

Chairman of a plenary session

Chairman of a session on Bio-systems

1979 September 20-21, Sorrento, Italy

Sorrento Workshop for the International Standardization of Simulation Languages

Sponsors: USA/ERO, IMACS, SCS, SAHR, IAC

Organizer and **Program Chairman**

1979 June 28, Quebec City, P.Q., Canada

Participated in the 2nd Annual Canadian Computer Science Departments Chairmen Meeting, where he is elected the **chairman** of the committee to prepare a National Document on Computer Science Education in Canada

1979 June 5, New York, New York, USA

the 1979 National Computer Conference

Organizer and **Session Leader of the Panel** on:

"Simulation Languages: State-of-the-Art and New Vistas"

1979 March 14-16, Tampa, Florida USA

The 12th Annual Simulation Symposium

Luncheon Speech: The Many Facets of Simulation

1978

1978 August 13-18, Rehovot, Israel

Symposium on Modelling and Simulation Methodology

Sponsors: USA/ERO, IMACS, SCS, IFIP, WG, MAS, SGSR, WIS

Co-organizer of the Symposium and **Keynote Speaker**

Member of the panel on "Methodology of the Future"

1978 May 25, Delft, The Netherlands

Invited Lecture: Dutch Simulation Association: Concepts for Advanced Simulation Methodologies

1978 May 19, Delft, The Netherlands

Department of Mathematics, Technical University of Delft,

Invited Lecture: The Future of Simulation Languages

1978 May 8, Bonn, West Germany

IPES (Institute for Planning and Decision Systems) of the Gesellschaft für Mathematic und

Datenverarbeitung GmbH

Invited Lecture: Concepts for Advanced Simulation Languages

1978 April 4-6, Chester, England

UKSC (United Kingdom Simulation Council) Conference on Computer Simulation

Keynote paper: A Personal View on the Future of Simulation Languages

1978 February 21, Paris, France

ENSTA (Ecole Normale Supérieure des Techniques Avancées)

Invited Lecture for Association SYSTEMA:

Concepts for Advanced Simulation Methodologies

1977**1977 August 30 - September 2, Ghent, Belgium**

The IFIP Working Conference on Modelling and Sim. of Land, Air and Water Resources Systems

Chairman of the "Groundwater Resources Modelling" Session

Presentations : Modelling, Model Manipulation and Programming Concepts in Simulation

1977 June 20, Rehovot, Israel

Dept. of Applied Mathematics, Weizmann Institute of Science

Invited Lecture: Software for Large-Scale System Simulation

1976**1976 September 6-11, Namur, Belgium**

8th International Congress on Cybernetics of the International Association for Cybernetics

Organizer and **Program Chairman** of the Symposium on the Application of

Cybernetics and General System Theoretic Concepts to the Simulation of Large Scale Systems

Moderator of the panel session of the symposium

Presentation at the closing session of the Congress

1976 June 28 - July 2, Ottawa, Ontario, Canada

COLING 76 - Int'l Conference on Computational Linguistics

Member of the local organization committee

Organized and **coordinated** computerized demonstrations

Chairman of a session

1976 February 24-25, Ottawa, Ontario, Canada

Symposium on Information Technology and Urban Governance

Sponsored by the Ministry of State, Urban affairs of Canada

Panel Member at the closing plenary session

1975**1975 December 18-19, Sacramento, California, USA**

Winter Computer Simulation Conference

Chairman of the session: "Transportation Vehicles Simulation."

Member of the panel on "Teaching Simulation"

1975 November 3, and November 6, Ottawa, Ontario, Canada

Management Science Faculty of the University of Ottawa

Invited lecture: Methodology to Manage Complexity

1975 October 24-15, Toronto, Ontario, Canada

Ontario Annual Management Research Forum, Univ. of Toronto

Session: "Limits to Growth and After,"

Invited Lecture and **Panel Member**: Methodology to Manage Complexity

1974**1974 March 4-15, Munich, Germany**

Attended the Advanced Courses on Compiler Construction, as "A Participant from whom important contributions to the Discussions are expected".

1974 February 12-14, Detroit, Michigan, USA

Second Annual Computer Science Conference
Chairman of the Software Processors II Session
Presentation: SODPAC, Software Documentation Package

1972**1972 October 21, Ottawa, Ontario, Canada**

Open House Activities of the Faculty of Science & Engineering, University of Ottawa,
Presentation: Computer Simulation, It's all you really need

1971**1971 November 15, Sherbrooke, Quebec**

Department of Mathematics of the University of Sherbrooke
Presentation: GEST - Un langage Destiné à la Simulation des Systèmes Complexes

1971 September 3-7, Tokyo, Japan

Tokyo AICA Symposium on Simulation of Complex Systems
Chairman of the session on Computer Systems
Discussant of the special panel session on large scale social systems
Member of a panel session on Simulation Education

1971 May, San Jose dos Campos, Brazil

National Space Activities Commission of Brazil (Comissao Nacional de Atividades Espaciais).

Invited Seminars :

- A Basis for the Taxonomy of Simulation Languages
- The Modelling Methodology of GEST (a Special Language for Large Scale System Simulation)
- The Basic Features of Simulation Languages

1971 April 7, Ottawa, Ontario

University of Ottawa
Presentation to Software Engineering Working Group:
 - A Basis for the Taxonomy of Simulation Languages

1971 February 16, Ottawa, Ontario

University of Ottawa, Dept. of Computer Science
Colloquium: Systems Approach to Large-System Simulation

1971 January 8, Ottawa, Ontario

University of Ottawa, Dept. of Computer Science
Seminar: GEST - General System Theory Implementor

1970**1970 October 29, Tucson, Arizona**

Univ. of Arizona, Dept. of Systems & Industrial Engineering
Colloquium: GEST - A General System Theory Implementor

1970 April 16, Hartford, Connecticut

Rensselaer Polytechnique Inst., Hartford Graduate Centre
Lecture: A Synopsis of Simulation Languages

1970 April 13, Carbondale, Illinois

University of Illinois
Lecture: A Synopsis of Simulation Languages

1970 March 6, College Station, Texas

Texas A & M University, Dept. of Industrial Engineering
Special Lecture: Simulation of General Systems

Active involvements in Conferences and Seminars: in the 1960s and 1950s

1967

1967 May 2-5, Ankara, Turkey

EDP and Statistics Seminar Sponsored by IBM Turkey,
Coordinator and the **main speaker**

1966

1966 November 21-23, Istanbul, Turkey

Management Science Seminar sponsored by the Turkish Management Association

Coordinator and **main speaker** on:

- Introduction to Management Science
- PERT
- Waiting Line Theory
- Linear Programming
- Simulation

1966 January 11-12, Istanbul, Turkey

IBM Textile Seminar, Participated as the textile industry coordinator of IBM Turkey

Presentations:

- Introduction to Data Processing
- Introduction to Linear Programming
- Computer Applications for Textile Industry

1965

1965 June 8-11, Barbizon, France

IBM Textile Workshop, (Participated as the textile industry coordinator of IBM Turkey)

Presentation: Development of Computer Applications for Turkish Textile Industry

1965 April 1-3, Barcelona, Spain

Second Systems Engineering Symposium, IBM World Trade

Honor Guest (The selection was made in recognition of superior performance in the System Engineering field)

1964

1964 February 10 - March 24, Tokyo, Japan

Supervisory Training Seminar, Overseas Technical Cooperation Agency (OTCA)

Presentation: Technical Education & Training in Turkey

Invited Address at the Closing Ceremony

1959

1959 August 6 - September 24, Naples, Italy

Second Mediterranean Seminar

Theme: The Role of the Universities in the Development of the Leaders of Tomorrow

Presentation: University Education in Turkey

Publications (details): Bibliometric Information

- Ören, T.I., Zeigler, B.P. (1979). Concepts for Advanced Simulation Methodologies. Simulation, 32:3, 69-82. [SAGE Journals Online](#).
([One of the 50 Most-Frequently Cited Articles of SIMULATION](#) (6/50);
as of June 1, 2010, updated monthly)
(Rankings are based on citations to articles on SIMULATION journal site from articles in [HighWire-hosted journals](#))
- Ören, , T.I. (1977). Software for Simulation of Combined Continuous & Discrete Systems: A State-of-the-Art Review. Simulation, 28:2, 33-45.
([One of the 50 Most-Frequently Cited Articles in SIMULATION](#) (42/50);
as of June 1, 2010, updated monthly)
- ACM [Portal](#)
- [Bing](#)
- [DBLP](#)
- Google [scholar](#)
- [Microsoft Academic Search](#)

For publications in the [1990s](#), [1980s](#), [1970s](#), and [1960s](#), please click the decade

Statistics of publications (by year, by decade)

	0	1	2	3	4	5	6	7	8	9	total	
196-		4		2	2		3	3		1	15	
197-	1	4	4	7	7	9	8	8	12	10	70	
198-	6	13	11	13	32	19	13	25	6	15	153	
199-	14	8	16	8	9	9	6	4	4	2	80	
200-	8	6	8	6	11	16	17	11	9	19	111	
201-	7										7	436
(*)	(5)	(4)									(9)	445

* (in press, submitted, in preparation)

2011 In Press

Kazemifard, M., N. Ghasem-Aghaee, and T.I. Ören (2011–In Press). Design and Implementation of GEmA: A Generic Emotional Agent. Expert Systems With Applications.

Submitted

Ören, T.I. and L. Yilmaz (2011). Synergies of Simulation, Agents, and Systems Engineering. (A revised version for a journal)

In Preparation

Ören, T.I., et al. (In Preparation). Modeling and Simulation Dictionary - English-French-German-Italian-Spanish-Turkish. (about 9000 term)

Ören, T.I., BoHu Li, GuangHong Gong et al. (In Preparation). Modeling and Simulation Dictionary - English-Chinese, Chinese-English (over 8400 term)

2010 Published

2010-01 Longo, F, Itmi, M., Ören, T.I. (2010). SCS M&S (Modeling and Simulation) [Newsletter](#), Vol. 2, Issue: 1 (January), 2 (February), 3 (March), 4 (April), 5 (May), 6 (June), 7 (July), 8 (August)

2010-02 Ören, T.I. (2010). [Simulation and Reality: The Big Picture](#). (Invited paper for the inaugural issue) [International Journal of Modeling, Simulation, and Scientific Computing](#) (of the Chinese Association for System Simulation - CASS) by the World Scientific Publishing Co. China, Vol. 1, No. 1, 1-25. DOI: <http://dx.doi.org/10.1142/S1793962310000079>

2010-03 Yilmaz L., Ören, T, Madey, G., Sierhuis, M., and Y. Zhang (2010). Proceedings of the Agent-directed Simulation Symposium (ADSS'10); CD and hard copy; part of the Spring Simulation MultiConference, Orlando, FL; SCS, San Diego, CA. (Preface).

- 2010-04 Ören, T.I. (2010). [Message](#) from the VP Publications of SCS, SCS M&S Magazine, April 2010.
- 2010-05 Yilmaz, L. and Tuncer Ören (2010–Invited paper). [Intelligent Agent Technologies for Advancing Simulation-based Systems Engineering via Agent-Directed Simulation](#). SCS M&S Magazine. SCS M&S Magazine, July.
- 2010-06 Ören, T.I. (2010–Invited paper). Synergies of Simulation, Agents, and Systems Engineering. In (Mustafa Güneş, ed.), [Proceedings](#) of the 1st International [Symposium](#) on Computing in Science and Engineering, Kusadasi, Turkey, June 3-5, 2010, Gediz University, Turkey. pp. 33-38.
- 2010-07 Yilmaz, L. and Tuncer Ören (2010). Agent-Directed Simulation Meeting Series: A Growing Global Community. SCS M&S Newsletter.

In Press

- Merkuryeva, G., J. Bikovska, and T.I. Ören (2010). An Agent-Directed Multisimulation Framework for Management Simulation Games. Special issue of the International Journal of Simulation and Process Modeling (IJSPM).
- Yu Zhang, [Levent Yilmaz](#), Tuncer [Ören](#), Gregory Madey, and [Maarten Sierhuis \(eds.\)](#) (2010). Special Issue: The International Journal of Agent Technologies and Systems ([IJATS](#)) by IGI Publishing; and Guest Editorial – Introduction to the Special Issue on Agent-Directed Simulation.
- Lacy, L.W., Gross, D.C., Ören, T., and B. Waite (2010). A Realistic Roadmap for Developing a Modeling and Simulation Body of Knowledge Index. Proceedings of SISO (**Simulation Interoperability Standards Organization**) Fall SIW (Simulation Interoperability Workshop) Conference, Orlando, FL, September 20-24, 2010.
- Ören, T.I. and L. Yilmaz (2010). 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.
- Longo, F. and T.I. Ören, (2011). Enhancing Quality of Supply Chain Nodes Simulation Studies by Failure Avoidance. In: Proceedings of the [EMSS 2010](#)- 22th European Modeling and Simulation Symposium (within the [IMMM-7](#) - The 7th International Mediterranean and Latin American Modeling Multi-conference), October 13-15, Fes, Morocco.

2009

- 2009-01 Ören, T.I. (2009). [Uses of Simulation](#). Chapter 7 in: Principles of Modeling and Simulation: A Multidisciplinary Approach, by John A. Sokolowski and Catherine M. Banks (eds.) (All Chapters by Invited Contributors). John Wiley and Sons, Inc. New Jersey. pp. 153-179.
- 2009-02 Zhang, Y., T.I. Ören, L. Yilmaz, G. Madey, and M. Sierhuis (eds.) (2009). Special Issue on Agent-Directed Simulation, The International Journal of Intelligent Control and Systems (IJCS) [Vol. 14, Nb. 1](#), March 2009 (<http://www.ijics.org/>).
- 2009-03 Zhang, Y., T.I. Ören, L. Yilmaz, G. Madey, and M. Sierhuis (eds.) (2009). [Guest Editorial: Introduction to the Special Issue on Agent-Directed Simulation](#), The International Journal of Intelligent Control and Systems (IJCS), Vol. 14, Nb. 1, March 2009, 1-3.
- 2009-04 Ören, T.I. and L. Yilmaz (2009). [On the Synergy of Simulation and Agents: An Innovation Paradigm Perspective](#). Special Issue on Agent-Directed Simulation. The International Journal of Intelligent Control and Systems (IJCS), Vol. 14, Nb. 1, March 2009, 4-19.
- 2009-05 Yilmaz L. and T. I. Ören (2009). Rethinking M&S to Enhance Creativity and Computational Discovery. In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference (SCSC'09) of 2009 International Simulation Multiconference. Istanbul, Turkey, July 13-16, 2009, pp. 66-74.
- 2009-06 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.
- 2009-07 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.
- 2009-08 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.
- 2009-09 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.)
- 2009-10 Yilmaz, L. and T.I. Ören (eds.) (2009-All Chapters by Invited Contributors). [Agent-Directed Simulation and Systems Engineering](#). Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany. 520 p. ([table of contents](#)) ([at Google](#))
- 2009-11 Yilmaz, L., T.I. Ören (2009). Preface. In L. Yilmaz and T.I. Ören (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany..
- 2009-12 Ören, T.I. (2009). [Modeling and Simulation: A Comprehensive and Integrative View](#). In L. Yilmaz and T.I. Ören (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany, pp. 3-36.

- 2009-13 Yilmaz, L., T.I. Ören (2009). Agent-Directed Simulation (ADS). In L. Yilmaz and T.I. Ören (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany, pp. 11-143.
- 2009-14 Ören, T.I. and L. Yilmaz (2009). Failure Avoidance in Agent-Directed Simulation: Beyond Conventional V&V and QA. In L. Yilmaz and T.I. Ören (eds.). Agent-Directed Simulation and Systems Engineering. Systems Engineering Series, Wiley-Berlin, Germany, pp. 189-217.
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- 2009-15 Merkuryeva, G., J. Bikovska, and T.I. Ören (2009). An Agent-Directed Multisimulation Framework for Management Simulation Games. Proceedings of the I3M 2009 MultiConference. (21st European Modeling and Simulation Symposium.) 2009 September 23-25, Puerto de la Cruz, Tenerife, Canary Island, Spain.
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- 2009-16 Longo, F, Itmi, M., Ören, T.I. (2009). SCS M&S (Modeling and Simulation) Newsletter, Vol. 1, [Issue 1](#), November 2009; [Issue 2](#), December 2009.
- 2009-17 Longo, F, Itmi, M., Ören, T.I. (2009). [Message from the Editors-in-Chief](#). SCS M&S (Modeling and Simulation) Newsletter, Vol. 1, [Issue 1](#), November 2009.
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- 2009-18 Ören, T.I. (2009). Cumulative [Index](#) of the SCS M&S Newsletter.
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- 2009-19 Wainer, G., Chinni, M., Oren, T., Tolk, A. (eds.) (2009). Proceedings of the Spring Simulation MultiConference: ADS, BIS, MSE, MSEng (SpringSim'09), SCS Simulation Series, vol. 41, nb. 1, SCS, San Diego.
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2008

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- 2008-01 Ören, T.I. et al. (2008) (are part of the team which edited Agent-directed Simulation Symposium (ADSS) part of the Proceedings of the Spring Simulation MultiConference (SpringSim), Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM, pp. 1-176. (*SpringSim Proceedings*: [cover](#), [content](#); ADSS: [Scientific Committee](#), [Table of Contents](#))
- 2008-02 Ören, T.I. et al. (2008). [Preface](#), Agent-directed Simulation Symposium (ADSS) part of the Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM.
- 2008-03 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.
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- 2008-04 Yilmaz, L., T.I. Ören and P. Thavikulwat (eds.) (2008). Special Issue of the Journal: [Simulation & Gaming](#). Volume 39, Issue 1 (March 2008). ([Table of Contents](#))
- 2008-05 Yilmaz, L., T.I. Ören and P. Thavikulwat (2008). [Artificial Intelligence and Simulation](#). Special Issue of the Journal: [Simulation & Gaming](#). Volume 39, Issue 1 (March 2008), pp. 7-9. ([ACM Portal](#)) ([SAGE Journals Online](#))
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- 2008-06 Longo, F. and T.I. Ören, (2008). [Supply Chain Vulnerability and Resilience: A State of the Art Overview](#). Proceedings of the [EMSS 2008](#)- 20th European Modeling and Simulation Symposium. (Part of the [IMMM-5](#) - The 5th International Mediterranean and Latin American Modeling Multiconference), September 14-17, 2008, Campora San Giovanni, Italy, 527-533. ([presentation](#))
- 2008-07 Ören, T.I. and F. Longo (2008). [Emergence, Anticipation and Multisimulation: Bases for Conflict Simulation](#). Proceedings of the [EMSS 2008](#)- 20th European Modeling and Simulation Symposium. (Part of the [IMMM-5](#) - The 5th International Mediterranean and Latin American Modeling Multiconference), September 14-17, 2008, Campora San Giovanni, Italy, pp. 546-555. ([presentation](#))
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- 2008-08 Ören, T.I. (2008). A Framework for Desirable Activities and Research in M&S. Part of the Position Statements for the Panel Discussion: L. Yilmaz, P. Davis, P.A. Fishwick, H. Xiaolin, J.A. Miller, M. Hybinette, T.I. Ören, P. Reynolds, H. Sarjoughian, A. Tolk: [What Makes Good Research in Modeling and Simulation: Sustaining the Growth and Vitality of the M&S Discipline](#). Proceedings of the Winter Simulation Conference 2008, pp. 677-688.
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- 2008-09 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.
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- 2007-01 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](#))
- 2007-02 Ades, M., M.J. Chinni, J. Nutaro, T. Ören, H. Rejaei, and L. Watson (eds.) Proceedings of the 2007 Spring Simulation Multiconference ([SpringSim'07](#)). Vol. 1, (Agent-Directed Simulation Symposium, DEVS Integrative M&S Symposium, High-Performance Computing Symposium). Norfolk, VA, March 25-29, 2007. (ISBN: 1-56555-313-6)
- 2007-03 Ören, T.I., G.R. Madey, M. Sierhuis, and L. Yilmaz. [Front material](#) (including: Table of Content, Preface, Program Committee). ADS'07 (Agent-directed Simulation) Symposium. in: Proceedings of the 2007 Spring Simulation Multiconference ([SpringSim'07](#)). Norfolk, VA, March 25-29, 2007. (ISBN: 1-56555-313-6)
- 2007-04 Ghasem-Aghaee, N., L. Poor Mohammad Bagher, 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.
- 2007-05 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](#), June 3-8, 2007, Antalya, Turkey, pp. 210-219.
- 2007-06 Ghasem-Aghaee, N. and T.I. Ören, (2007). [Cognitive Complexity and Dynamic Personality in Agent Simulation](#) ([at ACM Portal](#)), *Computers in Human Behavior* (Elsevier), Volume 23, Issue 6 (November 2007), pp. 2983-2997. doi: 10.1016/j.chb.2006.08.012
- 2007-07 Ören, T.I. (2007). [The Importance of a Comprehensive and Integrative View of Modeling and Simulation](#). Proceedings of the Summer Simulation Conference. San Diego, CA, July 15-18, 2007. ([presentation](#))
- 2007-08 Yilmaz, Levent and Ören, T.I. (2007). [Agent-directed Simulation Systems Engineering](#). Proceedings of the Summer Simulation Conference, pp. 897-904. San Diego, CA, July 15-18, 2007.
- 2007-09 Ören, T.I. (2007). Reliability in Agent-Directed Simulation. Proceedings of the EMSS 2007 - 19th European Modelling and Simulation Symposium. Bergeggi, Italy, October, 4-6, 2007, pp. 78-86.
- 2007-10 Yilmaz, L., A. Lim, S. Bowen, and T.I. Ören (2007). Requirements and Design Principles for Multisimulation with Multiresolution, Multistage Multimodels Proceedings of the 2007 Winter Simulation Conference, pp. 823-832, December 9-12, Washington, D.C.
- 2007-11 Kilan, K. and T.I. Ören (2007 - an Interview by Prof. Kilan). [Bilişimde Özenli Türkçenin Yaşamsal Önemi](#). (sayfa 17-18) Bilişim (Journal of Turkish Informatics Society), September, pp. 32-35. ([presentation](#)).

2006

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- 2006-01 Ören, T.I. and The French Team: Lucile Torres (coordinator), Frédéric Amblard, Jean-Pierre Belaud, Jean Caussanel, Olivier Dalle, Raphaël Duboz, Alain Ferrarini, Claudia Frydman, El-Amine Maâmar Hamri, David Hill, Aziz Naamane, Pierre Siron, Erwan Tranvouez, Gregory Zacharewicz. *Modeling and Simulation Dictionary: English-French-Turkish*. Marseille, France. With the support of Centre Nationale de La Recherche Scientifique, I3, Université Paul Cézanne - Aix-Marseille III, LSIS (300 pp). ISBN: 2-9524747-0-2. ([cover](#), [prefaces](#), [order form](#)) ([M&S Dictionary project](#))
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- 2006-02 Ören, T.I., T. Üney, and R. Colkesen (Eds.-in-Chief) (2006). Informatics Encyclopedia of Turkey (In Turkish: [Bilisim Ansiklopedisi](#)), Papatya Yayıncılık, Istanbul, Turkey (1186 pp).
- 2006-03 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 Yayıncılık, Istanbul, Turkey, p. 91-95.
- 2006-04 Ören, T.I. (2006). Simulation: Fundamental Concepts and Advancements. (In Turkish: [Benzetim Temel Kavramlar ve İlerlemeler \(terimler\)](#)) In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, Istanbul, Turkey, 144-149.
- 2006-05 Ören, T.I. (2006). The Importance of Proper Use of Turkish in Informatics. (In Turkish: [Bilisimde Özenli Türkçenin Önemi](#)). In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, Istanbul, Turkey, p. 254-262.
- Also published (2005) in: The Journal of Informatics and Computer Engineering of the Turkish Informatics Foundation, (In Turkish: Bilisim ve Bilgisayar Mühendisliği Dergisi), vol. 1, nb. 1, p. 1-10.
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- 2006-06 Huntsinger, R., H., Vakilzadian, and T.I. Ören (eds.) Proceedings of the 2006 International Conference on Modeling and Simulation - Methodology, Tools, Software Applications (M&S MTSA), July 31 - August 2, 2006, Calgary, AL, Canada. Sponsored by the Society for Modeling and Simulation International, In cooperation with IEEE, Calgary Section & University of Calgary (225 p). ISBN: 1-56555-309-8.
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1963

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1963-02 Ören, T.I. (1963). Problem Solving Techniques. (Translated from English). *Textile Journal (Mensucat Meslek Dergisi)*, No. 10. (In Turkish)

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**Contributions of
Dr. Tuncer Ören
to the Advancement of Modeling and Simulation (M&S)**
(A [Synopsis](#) and some **citations** from open literature)

Index

1. Simulation methodology

- 1.1 Dr. Ören designed (in 1971) the *first model specification language*
- 1.2 Dr. Ören published in 1979 –with Dr. B.P. Zeigler– a paper on advanced simulation methodologies
- 1.3 Dr. Ören developed *detailed categorizations and taxonomies* of M&S
- 1.4 Dr. Ören promoted *model-based M&S*
- 1.5 *Normative views* for the advancement of M&S including *synergies* with artificial intelligence, system theories, as well as need for a *comprehensive and integrative view*
- 1.6 Dr. Ören developed *multisimulation* which is a powerful simulation methodology
- 1.7 Contributions of Dr. Ören to advance the state of the art of simulation methodology are acknowledged by *colleagues*

2. Modeling methodology

3. Synergy of artificial intelligence and M&S

- 3.1 Early contributions (1970s-1990s: **AI and M&S**)
- 3.2 Recent contributions (1990s-2000s: Agents and M&S; **ADS**: Agent-directed simulation)
- 3.3 Cognitive and Emotive Simulations: Personality, Emotions, Perception-Anticipation

4. Reliability issues in M&S and artificial intelligence-directed M&S

5. Synergy of artificial intelligence in software engineering

(with implications to M&S software)

6. Ethics in M&S

- 6.1 Dr. Ören was the lead author of the SCS Code of Ethics
- 6.2 Activities to enlarge the number of institutions accepting the SCS Code of Ethics continue

7. M&S terminology

8. M&S body of knowledge

9. Other aspects of modeling and simulation

- 9.1 Positions at SCS
- 9.2 Positions at ACM SIGSIM

Please note: A [one page CV](#) and a [full CV](#) (1.2 MB) can be downloaded

Distinctions: Awards, Honors, Who's Who and On-line References

Awards

- 2006 "SCS *Distinguished Service Award*" "For his many years of Outstanding Leadership and Support to the Society, including leading the effort on the M&S Code of Ethics"
- 1999 "*Successful Projects of 1998 Award*" (of the total of four) (As the manager of the "Command and Control Information Systems" project), Marmara Research Center, Gebze, Kocaeli, Turkey.
- 1997 "*Scientist of the Year Award in 1996 in Gebze*," from GESIAD (Association of the Industrialists and Businessmen of Gebze, Kocaeli, Turkey).
- 1991 "*Information Age Award*" - from the Turkish Ministry of Culture
- 1985 "*Recognition of Service Award*" in appreciation for the contribution to ACM, as SIGSIM Chair - 1982-1983. Association for Computing Machinery

Honors

- 2006- SCS *Distinguished Lecturer*
- 2005 Selected as a "*Pioneer of Computing in Canada*" by IBM's *Center for Advanced Studies*. List of pioneers and their accomplishments are available in the Pioneers Program Guide (1905 KB)
- 1981-82 Founding Chairman of the First Executive Committee of the Chairmen of the Canadian Computer Science Departments.

also

- Indexed, abstracted, reviewed, or interview appeared in 8 countries.
- Two invitations from United Nations TOKTEN project
- Sponsorship from NATO
- Fellowships, scholarships, or sponsorships in 11 countries: Austria, Brazil, Canada, China, France, Germany, Italy, Japan, The Netherlands, Turkey, and the USA.
- Plaques and certificates of appreciation from organizations including AFCEA, Atomic Energy of Canada, NATO, SCS, Turkish General Staff, and some Universities.

TV Interviews

- 1990 Dec. An interview done in Ottawa, Canada, by a special crew from Turkey, was broadcasted twice on a national Turkish TV.

Included in over 20 **Who's Who Publications**, most notably:

- 1996
 - Who's Who in the World, (13th edition), Marquis, Wilmette, Illinois.
 - Who's Who in Science and Engineering (3rd edition), (1996-97), Marquis, Wilmette, Illinois.
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 - Most Admired Men and Women of the Year (2nd edition), The American Biographical Institute, Raleigh, NC.
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 - Men of Achievement (16th edition), International Biographical Centre, Cambridge, England.
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On-line References

- **2005** - IBM Canada CAS - Pioneers [Program Guide](#) (1905 KB)
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