

Dr. Tuncer Ören's Contribution to Conferences/Seminars

updated: 2023-11-21
(ISO 8601 - y-m-d)

Contribution to Conferences/Seminars –by year and by decade–

	0	1	2	3	4	5	6	7	8	9	Total		
											by decade	cumulative	
1950s										1	1	1	
1960s					1	2	2	1				6	7
1970s	4	6	2		2	3	3	2	6	6		34	41
1980s	5	5	11	15	7	8	9	14	5	14		93	134
1990s	13	16	16	7	8	10	6	11	10	19		116	250
2000s	12	10	7	11	18	24	18	19	15	9		143	393
2010s	11	14	11	10	7	9	15	12	14	8		111	504
2020s	6	6	3	4	(1)							19+ (1)	523 + (1)

2020s

2024

2024 September 10-11, Madurai, India

[\[ICECIO 2024\]](#) - International Conference on Evolutionary Computation for Intelligent Optimization, Vaigai College of Engineering, Madurai, India.

- **Member:** International Advisory Committee

2023

2023 April 27-28, Tirana, Albania

[ICACDS 2023](#) - 7th International Conference on Advances in Computing and Data Sciences
Theme: Advanced Computing and Data Sciences in Smart Computing
Canadian Institute of Technology (CIT)

- **A chair** of the Technical Program Committee

2023 September 13-15, Burdur, Türkiye

[UBMK](#) – 8th International Conference on Computer Science and Engineering

- **Member** of the Scientific Program Committee

2023 September 18-20, Athens, Greece

[EMSS 2023](#) – European Modeling and Simulation Symposium

- **Member** of the International Program Committee

2023 December 10-13, San Antonio, Texas, USA

[WSC 2023](#) - Winter Simulation Conference 2023

- **Hybrid Simulation Track** - **Member** of the Scientific Committee

2022

2022 April 29-28, GPCET, Kurnool, India

[ICACDS 2022](#) - 6th International Conference on Advances in Computing and Data Sciences

Theme: Advanced Computing and Data Sciences in Smart Computing

- [A chair](#) of the Technical Program Committee

2022 September 14-16, Diyarbakır, Turkey

[UBMK](#) – 7th International Conference on Computer Science and Engineering

- [Member](#) of the Scientific Program Committee

2022 September 19-21, Rome, Italy

[EMSS 2022](#) – European Modelling & Simulation Symposium

- [Member](#) of the International Program Committee

2021

2021 April 23-24, Nashik, India

[ICADS 2021](#) - 5th International Conference on Advances in Computing and Data Sciences

- [A chair](#) of the Technical Program Committee
- Special Guest in Inaugural Ceremony

[Presentation:](#)

An-epoch-making example for the importance of data and the richness of the concept of data

2021 June 24-26, Paris, France

[AMMS 2021](#) – 3rd International Applied mathematics, Modeling and Simulation Conference

- A **member** of the Technical Program Committee ([TPC](#))

2021 July 7-9, Online Conference

[SIMULTECH 2021](#) – 11th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Co-chair](#)

2021 September 15-17, Ankara, Turkey

[UBMK](#) – 6th International Conference on Computer Science and Engineering

- [Member](#) of the Scientific Program Committee

[Presentation:](#) TBD Özenli Türkçe Topluluğu: Bilişimde Özenli Türkçe (In Turkish)

Ahmet Pekel, İ. İlker Tabak, Koray Özer, Eymen Yensi Görgülü, Tuncer **Ören**

2021 December 12-15, JW Marriott Desert Ridge, Arizona, USA

[WSC 2021](#) – Winter Simulation Conference

[Simulation and Philosophy Track](#)

- Member of the Program Committee

2021 December 16-17, Ankara, Turkey

IEEE Turkey Section – [2nd International Informatics and Software Engineering Conference](#)

Artificial Intelligence for Digital Transformation

- Presentation by: İ.İ. Tabak, A. Peker, K. Özer, E. Görgülü, T. Ören
Meticulous use of Turkish informatics terms to deter defective Turkish

2020

2020 June 21-23, Virtual Conference

[AMMS 2020](#) – 2nd International Applied mathematics, Modeling and Simulation Conference

- A [member](#) of the Technical Program Committee

2020 July 8-10, Virtual Conference

[SIMULTECH 2020](#) – 10th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Co-chair](#)

2020 September 9-11, Diyarbakır, Türkiye

[UBMK'20](#) - 5. Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı

(5th International Conference on Computer Science and Engineering)

- [Member](#) of the Scientific Program Committee

2020 October 3, Goa, India

[IARE-2020](#) - 2nd International Academic and Research Excellence Awards

- [An awardee](#): Life-Time Achievement Award (Overseas)

2020 Nov. 3-5, Virtual Conference

[CCCI 2020](#) – IEEE International Conference on Communications, Computing, Cybersecurity, and Informatics

- [Keynote Speaker](#): Grand Challenges in Modeling and Simulation:
What M&S can do and what we should do for M&S? ([presentation](#))

Member of [the panel](#):

Recent Trends and Challenges in Communications, Computing, Cybersecurity and Informatics
(Organized by Prof. Mohammad S. Obaidat) ([statement](#))

2020 Nov. 29, Ankara, Turkey (Virtual meeting)

[AFCEA Turkey](#) – Celebration of the 31st anniversary of its foundation ([program](#))

- [Guest speaker](#) ([presentation](#))

2010s

2019

2019 April 12-13, Ghaziabad, Uttar Pradesh, India

[ICACDS 2019](#) – 3rd International Conference on Advances in Computing and Data Sciences

- Co-Chair, [Advisory Committee](#)

2019 July 29-31, Prague, Czech Republic

[SIMULTECH 2019](#) – 9th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Co-chair](#)
- Member of the Opening Panel:
“What to use: Simulation Packages, Simulation Languages or General-Purpose Programming Languages?” ([presentation](#))
- [First day’s Keynote](#): The Vital Role of Simulation for Many Disciplines: A Desirable Shift of Paradigm from Model-Based Paradigm to Simulation-Based Paradigm ([presentation– ppsx 2.76 MB](#)) (at [YouTube 3 min](#)) ([Vimeo](#) – 39 min)

2019 September 11-15, Samsun, Türkiye

[UBMK’19](#) - 4th International Conference on Computer Science and Engineering

(4. Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı)

- [Member](#), Scientific Program Committee

2019 September 18-20, Lisbon, Portugal

[ADS 2019](#) - Agent-directed Simulation track of sessions at the

[EMSS 2019](#) – European Modeling and Simulation Symposium, within the

[IM3 2019](#) – International Multidisciplinary Modeling & Simulation Multiconference

- [Chair](#) (with Dr. Yu Zhang) of ADS

2019 October 17-19, British Columbia, Canada

[IEEE IEMCON 2019](#) – The 10th IEEE Annual Information Technology, Electronics and Mobile Communication Conference

- [Member](#) of the Technical Committee

2019 November 11-13, Singapore

[WAMS 2019](#) – The International Workshop on Applied Modelling and Simulation

- [Member](#) – [WAMS Steering Committee](#)

2019 November 24-28, Valencia, Spain

SIMUL 2019 – The 11th International Conference in System Simulation

- [Member](#) of the Technical Program Committee

2019 December 8-11, National Harbor, Maryland

WSC’2019 - 2019 Winter Simulation Conference

Hybrid Simulation Track

- Member - Program Committee

2018

2018 March 2, Ottawa, ON, Canada Ankara, Turkey

Uluslararası Kültür ve Dil Araştırmaları (Telepresentation)

Türkçe Sevgisi, Türkçe Bilinci ve Bilim Dili olarak Türkçe ([Presentation](#) in Turkish – 21 MB)

2018 April 15-18, Baltimore, Maryland, USA

MOD4SIM 2018 – Model-driven Approaches for Simulation Engineering Symposium

Within the 2018 Spring Simulation Multi-Conference

- [Member](#), Advisory Board

2018 April 18-20, Peninsula de Santa Elena, Salinas, Ecuador

[MICRADS18](#) - Multidisciplinary International Conference of Research Applied to Defense and Security

- **Member**, Scientific Committee

2018 April 20-21, Uttarakhand, India

[ICACDS 2018](#) – International Conference on Advances in Computing and Data Sciences

- **Chair**, Advisory Board

2018 June 27-29, Toulouse, France

[MOSIM2018](#) – 12th International Conference on Modeling and Simulation: How connected systems will shape industry and services tomorrow

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

2018 July 29-31, Porto, Portugal

[SIMULTECH 2018](#) – 8th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Chair](#)

2018 July 30 – August 3, Baden Baden, Germany

[InterSymp 2018](#) - 30th Anniversary International Conference on Systems Research, Informatics and Cybernetics, as part of the

38th Annual Meeting of the International Institute for Advanced Studies

- **A Keynote:** Powerful Higher-Order Synergies of Cybernetics, Systems Thinking and Agent-Directed Simulation, for Cyber-Physical Systems
- **2018 Golden Award of Excellence** - International Institute for Advanced Studies in Systems Research and Cybernetics

2018 September 19-21, Budapest, Hungary

[ADS 2018](#) - Agent-directed Simulation track of sessions at the

[EMSS 2018](#) – European Modeling and Simulation Symposium, within the

[IM3 2018](#) – International Multidisciplinary Modeling & Simulation Multiconference

- **Chair** (with Dr. Yu Zhang)

2018 September 20-23, Sarajevo-Bosnia&Herzegovina

[UBMK'18](#) – International Conference on Computer Science and Engineering

- [Member](#) of the Scientific Program Committee

2018 October 14-18, Nice, France

[SIMUL18](#) - The Tenth International Conference on Advances in System Simulation

- **Member** – [Technical Program Committee](#)

2018 October 17-18, Prague, Czech Republic

[WAMS 2018](#) - Workshop on Applied Modelling and Simulation

ff Future Forces Forum ([FFF](#)) – International Platform for Trends & Technologies in Defence & Security

- **Member** – [WAMS Steering Committee](#)

2018 November 1-3, Vancouver, BC, Canada

[IEEE IEMCON 2018](#) – The 9th IEEE Annual Information Technology, Electronics and Mobile Communication Conference

- [Member](#) of the Technical Committee

2018 November 8-10, New York, NY

[IEEE UEMCON 2018](#) – The 9th IEEE Annual Information Technology, Electronics and Mobile Communication Conference

- [Member](#) of the Technical Committee

2018 December 3 – 6, Gothenburg, Sweden

WSC 2018 – Winter Simulation Conference

Hybrid Simulation Track

- **Member** – International Program Committee

2017

2017 April 23-26, Virginia Beach, VA

Second Annual SCS Fellows Dinner

Part of the 2017 Spring Simulation Multiconference ([SpringSim'17](#))

- One of the three recent **fellows**

2017 April 23-26, Virginia Beach, VA

2017 Modeling and Simulation of Complexity in Intelligent, Adaptive and Autonomous Systems ([MSCIAAS](#)) Symposium

Part of the 2017 Spring Simulation Multiconference ([SpringSim'17](#))

- **Member:** Steering and Advisory Committee

2017 April 23-26, Virginia Beach, VA

([Mod4Sim'17](#)) International Symposium on Model-driven Approaches for Simulation Engineering Symposium

Part of the 2017 Spring Simulation Multiconference ([SpringSim'17](#))

- **Member:** Advisory Board

2017 July 9-12, Bellevue, Seattle, WA, USA

SCSC 2017 – Summer Computer Simulation Conference

(Within [SummerSim'17](#) – Summer Simulation Multi-Conference)

Member: IPC

2017 July 26-28, Madrid, Spain

[SIMULTECH 2017](#) – 7th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Chair](#) of SIMULTECH 2017
- **Invited member** of the [opening panel](#) on:
"Challenges and Directions in Modeling and Simulation of Computer Networks and Systems"
(Organized by Prof. M. Obaidat) ([presentation](#))

2017 September 18-20, Barcelona, Spain

[EMSS](#) – The European Modeling and Simulation Symposium

within [I3M](#) – International Multidisciplinary Modeling and Simulation Multiconference

- **Member** of International Program Committee (IPC)

2017 September 18-20, Barcelona, Spain

[ADS](#)- Agent-Directed Simulation

within [EMSS](#) – The European Modeling and Simulation Symposium

within [I3M](#) – International Multidisciplinary Modeling and Simulation Multiconference

- **Chair** of ADS

2017 September 28-29, London, UK

[ICMS](#) – International Conference on Modeling and Simulation

- [Distinguished Organizing Member](#)

2017 October 3-5, Vancouver, BC, Canada

[IEMCON 2017](#) – The 8th IEEE Annual Information Technology, Electronics and Mobile Communication Conference

- [Member](#) of the Technical Committee

2017 October 3-5, Antalya, Turkey

UBMK'17 – International Conference on Computer Science and Engineering

- [Member](#) of the Scientific Program Committee

2017 October 8-12, Athens, Greece

[SIMUL 2017](#) - The Ninth International Conference on Advances in System Simulation

- [Member](#) – Technical Program Committee

2017 December, 3-6, Las Vegas, NV

[Hybrid Simulation](#) track

Within the [WSC](#) – Winter Simulation Conference

- **Member** – Program Committee

2016**2016 April 3-6, Pasadena, CA**

Agent-Directed Simulation Symposium ([ADS'16](#))

Part of the 2016 Spring Simulation Multiconference ([SpringSim'16](#))

- **Symposium General Co-chair** (with Dr. Levent Yilmaz, General Chair)
(Program Chairs: Dr. Gregory Madey; Dr. Maarten Sierhuis, Dr. Yu Zhang)
- **Chair** of the three sessions

2016 April 3-6, Pasadena, CA

2016 Modeling and Simulation of Complexity in Intelligent, Adaptive and Autonomous Systems ([MSCIAAS](#)) Symposium

Part of the 2016 Spring Simulation Multiconference ([SpringSim'16](#))

- **Member:** Steering and Advisory Committee
- **Keynote** article (with Dr. M. Kazemifard, Dr. L. Yilmaz, and Ms. F. Noori):
“Machine understanding in agent-directed simulation: State-of-the-art and research directions.”

2016 April 3-6, Pasadena, CA

[Special Interest Track on Ontologies in Simulation](#)

within the 2016 Annual Simulation ([ANSS'16](#)) Symposium

of the 2016 Spring Simulation Multi-Conference ([SpringSim'16](#))

- **Article** with Dr. Umut Durak: “Towards an ontology for simulation systems engineering”

2016 June 29, Ankara, Turkey

ODTÜ-TSK [MODSIMMER](#) Modeling and Simulation Research and Development Center

- **Invited Presentation:** “Araçların evrimi ve benzetimin gelişme evreleri: Düşünce deneylerinden benzetim tabanlı bilgi dallarına” ([In Turkish](#))
(Evolution of tools and evolution stages of simulation: From thought experiments to simulation-based disciplines)

2016 July 24-27, Montréal, Québec, Canada

[SummerSim'16](#) – Summer Simulation Multi-Conference

- Track of Sessions on Agent-directed Simulation (ADS)
Track General Co-chair (with Dr. Levent Yilmaz, Chair)

2016 July 29-31, Lisbon, Portugal

[SIMULTECH 2016](#) – 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Chair](#) of SIMULTECH 2016
- **Moderator** of the Opening Panel:
“Increasing importance of simulation and rise of simulation-based disciplines” ([presentation](#))
- **Chairs** of 2 keynote sessions
- **Chair** of a session

2016 August 21-25, Rome, Italy

[SIMUL 2016](#) - The Eighth International Conference on Advances in System Simulation

- **Member:** [Technical Program Committee](#)

2016 August 22-24, Montréal, Québec, Canada

[MOSIM 2016](#) – 11e Conférence Francophone de Modélisation, Optimisation et Simulation. L'innovation technologique au service des systèmes: défis et opportunités.

- **Member:** [Scientific Committee](#)

2016 September 26-28, Cyprus

EMSS'16 – the 28th European Modeling and Simulation Symposium

- Track of Sessions on Agent-directed Simulation ([ADS](#))
Track Chair (with Dr. Levent Yilmaz)

2016 October 8-11, Beijing, China

2016 International Simulation Multi-Conference

[AsiaSim / SCS AutumnSim 2016](#)

16th Asia Simulation Conference on Modeling and Simulation (**AsiaSim 2016**)
& 2016 Autumn Simulation Multi-Conference (SCS AutumnSim'16)

- **sponsored** jointly by Federation of Asian Simulation Societies (ASIASIM) and the Society for Modeling & Simulation International (SCS).
- **co-sponsored** by Chinese Association for System Simulation (CASS), Japanese Society for Simulation Technology (JSST), Korea Society for Simulation (KSS), International Association for Mathematics and Computers in Simulation (IMACS).
- A [Co-chair](#) of the Program Committee

2016 October 13-15, Vancouver, British Columbia, Canada

[IEMCON 2016](#) – The 7th IEEE Annual Information Technology, Electronics and Mobile Communication Conference

- [Member](#) of the Technical Committee

2016 November 3-4, Cagliari, Italy

[WAMS 2016](#) – The International Workshop on Applied Modeling and Simulation

- [Member](#) of the WAMS Steering Committee

2016 November 11-12, Ghaziabad, India

[ICACDS 2016](#) – International Conference on Advances in Computing and Data Sciences

- [Chair](#), Advisory Board

2016 December, 8-10, Ankara, Turkey

Bilişim 2016 – TBD 33. Ulusal Bilişim Kurultayı (In Turkish)

- **Member** of the [Advisory Committee](#)

2016 December 11-14, Arlington, Virginia

Hybrid Simulation Track,
2016 Winter Simulation Conference
• **Member:** Program Committee

2015**2015 April 12-15, Alexandria, VA, USA**

[ADS'15](#) - Agent-Directed Simulation Symposium
Part of the 2015 Spring Simulation Multiconference ([SpringSim'15](#))
• **Symposium General Co-chair** (with Dr. Levent Yilmaz, General Chair)
(Program Chair: Dr. Gregory Madey;
Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Yu Zhang)

2015 July 21-23, Colmar, Alsace, France

[SIMULTECH 2015](#) – 5th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Co-Chair](#) of SIMULTECH 2015
- **Member** of the Plenary Panel (organized by Prof. Mohammad Obaidat):
“[Advances in Modeling and Simulation of Computer Networks and Systems](#)”
- **Article:** Ören, T.I., L. Yilmaz (2015, Invited article-In Press). Awareness-based couplings of intelligent agents and other advanced coupling concepts for M&S. Proceedings of the 5th International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH'15), Colmar, France, July 21-23, 2015. ([presentation](#))
- **Chair** of a Plenary Session
- **Chair** of the Closing Session

2015 July 26-29, Chicago, IL

[SummerSim'15](#) - Summer Simulation Multiconference of SCS (SummerSim'15)
• **Member:** Advisory Committee

2015 July 26-29, Chicago, IL, USA

[SCSC 2015](#) - Summer Computer Simulation Conference 2015
Part of SummerSim'15 - Summer Simulation Multiconference of SCS
• Track of Sessions on Agent-directed Simulation ([ADS](#))
Track General Co-chair (with Dr. Levent Yilmaz, Chair)
(Program Chair: Dr. Gregory Madey;
Program Co-Chairs: Dr. Yu Zhang, Dr. Maarten Sierhuis)
• Track of Sessions on Modeling and Simulation for Intelligent, Adaptive and Autonomous System (MSIAAS'16)
Member of the Technical Program Committee

2015 September 21-23, Bergeggi, Italy

[EMSS 2015](#) - 27th European Modeling and Simulation Symposium (Simulation in Industry)
(part of the [I3M 2015](#) - The 12th International Mediterranean and Latin American Modelling Multiconference)
• **Organizer** (with Dr. Levent Yilmaz)
the Track of Sessions on Agent-directed Simulation ([ADS](#))

2015 October 15-17, Vancouver, British Columbia, Canada

[IEMCON 2015](#) - 6th International Conference and Workshop on Computing and Communication
• **Member** of the Technical Committee

2015 November 10, Ottawa, Ontario, Canada

10 Kasım Atatürk'ü Anma Günü
Türk Kanada Kültür Derneği

- **Çağrılı konuşma:** Atatürk, Bilimsel Düşünce ve Türkçe ([sunu](#) 21 MB)

2015 November 15-20, Barcelona, Spain

[Simul 2015](#) – The 7th International Conference on Advances in System Simulation

- **Member** of the Technical Committee

2015 December 6-9, Huntington Beach, CA, USA

2015 Winter Simulation Conference ([WSC'15](#))

- PC member – [Hybrid Simulation](#)

2014**2014 April 13-16, Tampa, FL, USA**

[ADS'14](#) - Agent-Directed Simulation Symposium

Part of the 2014 Spring Simulation Multiconference ([SpringSim'14](#))

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

- **Symposium General Co-chair** (with Dr. Levent Yilmaz, General Chair)
(Program Chair: Dr. Gregory Madey;
Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Yu Zhang)

2014 July 6-10, Monterey, CA

[SummerSim'14](#) - Summer Simulation Multiconference of SCS

- **Member:** Advisory Committee

2014 July 6-10, Monterey, CA

SCSC 2014 - Summer Computer Simulation Conference 2014

Part of [SummerSim'14](#) - Summer Simulation Multiconference of SCS

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

2014 August 28-30, Vienna, Austria

[SIMULTECH 2014](#) – 4th International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- **Honorary Program Chair** of SIMULTECH 2014
- **Chair:** [Doctoral Consortium](#)
- **Member** of the [Plenary Panel](#) (organized by Prof. Mohammad Obaidat):
"[Recent Issues and Trends in the Validation and Verification of Simulation Models](#)" ([PowerPoint](#))
- **Article** (with Profs. Levent Yilmaz and Nasser Ghasem-Aghae) "A Systematic View of Contribution of Agents to Modeling and Simulation: Past, Present, and Promising Future"

2014 September 10-12, Bordeaux, France

[EMSS 2014](#) - 26th European Modeling and Simulation Symposium (Simulation in Industry) (part of the I3M 2014 - The 11th International Mediterranean and Latin American Modelling Multiconference)

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

2014 September 16-19, Istanbul, Turkey

[WAMS 2014](#) (Workshop on Applied Modelling and Simulation)

- Member of the [Steering Committee](#)

2014 November 5-7, Nancy, France

[MOSIM 14](#) – 10th International Conference on Modeling, Optimization & SIMulation

- Member of the International [Program Committee](#)

2013**2013 April 7-10, San Diego, CA, USA**

[ADS'13](#) - Agent-Directed Simulation Symposium

Part of the 2013 Spring Simulation Multiconference ([SpringSim'13](#))

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

- **Symposium General Co-chair** (with Dr. Levent Yilmaz, General Chair)
(Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey; Dr. Yu Zhang)

2013 May 7-9, Tehran, Iran

ICCS 2013 - Fifth International Conference of Cognitive Science

Presentation (with Dr. Mohammad Kazemifard) on:

"Toward Agents with Switchable Emotion Understanding Ability"

2013 June 10, Ankara, Turkey

METU Student Chapter of the SCS (METU: Middle East Technical University)

- **Invited** discussion about M&S Profession

2013 June 11-12, Ankara, Turkey

[USMOS 2013](#) – 5. Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı

- **Invited presentation:** "[Modelleme ve Benzetimin Sivil ve Askeri Alanlarda Artan Önemi](#)" (In Turkish: Increasing importance of modeling and simulation in civilian and military domains)

2013 July 7-10, Toronto, ON, Canada

SCSC 2013 - Summer Computer Simulation Conference 2013

Part of [SummerSim'13](#) - Summer Simulation Multiconference of SCS

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

2013 July 29-31, Reykjavik, Iceland

[SIMULTECH 2013](#) – 3rd International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- **Honorary Program Co-Chair**
- **Organizer** and moderator of the opening panel on:
"Harnessing Complex Systems with Effective Models and Simulation"
- **Chair:** [Doctoral Consortium](#)
- **Presentation** of the article (with L. Yilmaz and M. Kazemifard) Machine understanding and avoidance of misunderstanding in agent-directed simulation and in emotional intelligence

2013 September 25-27, Athens, Greece

[EMSS 2013](#)- 25th European Modeling and Simulation Symposium (Simulation in Industry)

(part of the [I3M 2013](#) (The 10th International Mediterranean and Latin American Modelling Multiconference))

- **Member**, International Program Committee
- **Organizer** and **chair** (with Dr. Levent Yilmaz) of
the Track of Sessions on Agent-directed Simulation ([ADS](#))

2013 October 11-13, Wuxi, China

The International Top-level Forum on Engineering Science and Technology Development Strategy - Modeling and Simulation of Complex Systems (Participation by invitation only)

Organized by:

The Chinese Academy of Engineering, Information and Electronic Engineering

The Chinese Association for System Simulation (CASS)
Jiangnan University

Sponsored by: the Chinese Academy of Engineering (CAE)

- **Invited keynote speech:** Comprehensive Coupling Concepts for Simulation of Complex Systems: Possibilities and Advantages with Declarative Models

2013 October 14-18, Beijing, China

10th Academic Forum for Graduate Students at Beihang University

- **Invited talk:** Agent-Directed Simulation and Systems Engineering

2013 November 28-29, Ankara, Turkey

[Bilişim 2013](#) – 30. Ulusal Bilişim Kurultayı

- **Member** of the Advisory Committee

2012

2012 March 26-29, Orlando, FL, USA

[ADS'12](#) - Agent-Directed Simulation Symposium

Part of the 2012 Spring Simulation Multiconference (SpringSim'12)

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

- **Symposium General Co-chair** (with Dr. Levent Yilmaz)
(Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey; Dr. Yu Zhang)

2012 March 26-29, Orlando, FL, USA

Symposium on Emerging Applications of M&S in Industry and Academia Symposium.

General Chairs: F. Longo, R., Diaz, and T.I. Ören

2012 May 28-30, Niğde, Türkiye

Niğde Üniversitesi, "[Müldidisipliner Etik Kongresi](#)"

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

2012 June 6-8, Bordeaux, France

[MOSIM 2012](#) - 9th International Conference on Modeling, Optimization and SIMulation

- **Member**, International Program Committee

2012 July 8-11, Genoa, Italy

[SCSC 2012](#) - Summer Computer Simulation Conference 2012

Part of [SummerSim'12](#) - Summer Simulation Multiconference of [SCS](#)

- **Member**, Program Committee
- **Organizer** (with Dr. Levent Yilmaz) of
the Track of Sessions on [Agent-directed Simulation](#) (ADS)
Co-chairs: Dr. Gregory Madey, Dr. Maarten Sierhuis, and Dr. Yu Zhang

2012 July 28-31, Rome, Italy

[SIMULTECH 2012](#) – 2nd International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- **Member**, Organization Committee
- **Chair** of a keynote session
- **Member** of the Plenary Panel: “Trends and Challenges in Modeling and Simulation”
([presentation](#) – [video presentation](#))
organized by Prof. M. Obaidat
- A **Keynote speaker:** [The Richness of Modeling and Simulation and its Body of Knowledge](#)
([presentation](#))

2012 September 19-21, Vienna, Austria

[EMSS 2012](#) - 24th European Modeling and Simulation Symposium (Simulation in Industry) (part of the [I3M 2012](#) (The 9th International Mediterranean and Latin American Modelling Multiconference) (The [submission system](#)))

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

2012 September 19-21, Vienna, Austria

[DHSS'12](#) - International Defense and Homeland Security Simulation Workshop (part of the I3M 2012 (The 9th International Mediterranean and Latin American Modelling Multiconference))

- **Member**, IPC

2012 September 29, İstanbul, Turkey

Dil Derneğinin 80. Dil Bayramında

"80. Yıl Onur Ödülü" [kabul konuşması](#) (Acceptance speech – Honor Award) (In Turkish)

2012 October 26-28, Shanghai, China

[AsiaSim 2012 / ICSC 2012](#) - Asia Simulation Conference 2012 (AsiaSim'2012) & the International Conference on System Simulation and Scientific Computing (ICSC'2012) Sponsored by the Federation of Asian Simulation Societies ([ASIASIM](#))

- **Co-chair**, International Program Committee

2012 December 4, Taipei, Taiwan

[Cloud4Sim 2012](#) - 1st International Workshop on Cloud Computing for Simulations in Conjunction with IEEE CloudCom 2012

- **Member**, Technical Program Committee

2011**2011 March 3-5, Hammamet, Tunisia**

[CCCA'11](#) - International Conference on Communications, Computing and Control Applications Technical co-sponsor: IEEE Control Systems Society

- **Honorary Co-Chair**

2011 April 4-7, 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

- **Symposium General Co-chair** (with Dr. Levent Yilmaz) (Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey; Dr. Yu Zhang)

2011 May 10-12, Tehran, Iran

[4th ICCS](#) - International Conference of Cognitive Science

- **Article**: (with Mohammad Kazemifard, Nasser Ghasem-Aghaee, Bryan Koenig): Toward Effective Emotional Intelligence Simulation: Modeling Understanding Ability for Emotive Agents

2011 June 1-4, Kusadasi, Turkey

2nd International [Symposium](#) on Computing in Science and Engineering Faculty of Engineering, Gediz University, Turkey

- **Member**, Science Committee

2011 June 27-30, The Hague, Netherlands

[SCSC 2011](#) - Summer Computer Simulation Conference 2011

Part of [SummerSim'11](#) - Summer Simulation Multiconference of [SCS](#) which is part of [ISMCI1](#) - 2011 International Simulation Multiconference

- **Member**, International Program Committee
- **Organizer** (with Dr. Levent Yilmaz) of the Track of Sessions on Agent-directed Simulation ([ADS](#))

2011 July 29-31, Noordwijkerhout, Netherlands

[SIMULTECH 2011](#) - 1st International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- **Member**, International Program Committee

2011 September 7-15, Beijing, China

Beijing University of Aeronautics and Astronautics; (aka) Beihang University
School of Automation Science & Electrical Engineering

- **Invited professor**
- **Seminars:**
 - Modeling and Simulation: [Big Picture](#) and [Body of Knowledge](#)
 - [Future](#) of Modeling and Simulation: Normative Views, Desirable Growth Areas, and Challenges

2011 September 12-14, Rome, Italy

[EMSS 2011](#) - 23th European Modeling and Simulation Symposium (part of the [I3M2011 MultiConference](#))

- **Member**, International Program Committee
- **Organizer** (with Dr. Levent Yilmaz) of the **Track of Sessions on Agent-directed Simulation** (The [submission system](#))

2011 September 12-14, Rome, Italy

[DHSS](#) - International Defense and Homeland Security Simulation Workshop (co-located with the [I3M2011 MultiConference](#))

- **Member**, International [Program Committee](#)

2011 September 16-22, Changsha, China

National University of Defense Technology
System Simulation Lab

- **Invited professor**
- **Seminars:**
 - Modeling and Simulation: [Big Picture](#) and [Body of Knowledge](#)
 - [Agents with understanding abilities](#) and ways to avoid misunderstanding
 - [Multimodels and multisimulation](#)
 - [Future](#) of Modeling and Simulation: Normative Views, Desirable Growth Areas, and Challenges

2011 November 12, Ottawa, Ontario, Canada

Turkish Canadian Cultural Association

- **Invited presentation:** Türkçe, Bilimsel Düşünce ve Atatürk ([sunu](#) – 3 MB)
(In Turkish: Turkish, Scientific Thinking and Atatürk)

2010**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, Kuşadası, 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:
Synergies of Simulation, Agents, and Systems Engineering

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 September 3-20, Marseille, France

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

- **Visiting Professor**

2010 September 21-October 8, Savona, Italy

DIPTeM, University of Genoa, Savona, Italy

- **Visiting Professor**
- **Invited** talk at SIREN: M&S & Interoperability (on September 27, 2010):
"[Simulation: The Big Picture](#) - A Comprehensive and Integrative View"
- **Invited** talk at SIREN: M&S for Industrial Plant Engineering (on October 6, 2010):
"Simulation: The Big Picture - A Comprehensive and Integrative View"

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-conf.)

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

- **Article** with Dr. Francesco Longo:

"Enhancing Quality of Supply Chain Nodes Simulation Studies by Failure Avoidance."

2010 November 3-4, Ottawa, Ontario, Canada

Joint Workshop on M&S in Systems Engineering for Defence Modernization

The Technical Cooperation Program ([TTCP](#)) JSA TP4 / SISAIG & JSA TP2

- **Invited** Plenary Presentation:

"M&S, Systems Engineering, and Software Agents for Defence Modernization"

2000s

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 13-16, Istanbul, Turkey

[ISMC'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 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](#)

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 Marseille3

- **Invited** professor

2008 April 9-12, Agarve, 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 Tolk)
- **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](#)
- **co-organizers:** Dr. Tuncer Ören, Dr. M. McInnis, Dr. F. Longo:
[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)

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-conf.)

- **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): Introduction ([Giriş](#))

[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 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

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 Simulation Center ([VMASC](#)) of Old Dominion Univ.

- 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

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- **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, Bergoggi, 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

[I/TSEC](#) - 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

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- **Invited** professor

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 9-10, Istanbul, Turkey

II. Bilgisayar Destekli Dil Bilimi Çalıştayı

T.C. Atatürk Kültür, Dil ve Tarih Yüksek Kurumu

Türk Dil Kurumu Başkanlığı

- **Invited** Member of the Panel on: Computer-Aided Dictionary Preparation (Bilgisayar Destekli Sözlük Hazırlama Çalışmaları Oturumu)

2006 June 21-23, Mugla, Turkey

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

[TAINN 2006](#) - 15th Turkish Symposium on Artificial Intelligence and Neural Networks

- **Member** of the International Program Committee

2006 June 26-28, Rhodes, Greece

The 15th [IASTED](#) Int'l 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 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

2005

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 of the Panel for the Inaugural Opening of the University
- **Presentation:** (In [Turkish](#)) [Nasıl 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. ([presentation](#))

2005 May-June, Marseille, France

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

- **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 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 Systèmes

- **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 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

- **Invited** 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**

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 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 (IIIS)
• **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

- **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, Departement du Genie Industriel et Informatique, Universite 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 [I/ITSEC](#))

- **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.)

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 Basın Bilisim Okulu).
 • **Invited Lectures:**
 - Proper Use of Turkish in Informatics (In Turkish: [Bilisimde Özenli Turkece](#))
 - 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

2003 December 7-10, New Orleans, Louisiana

[WSC 2003](#) - Winter Simulation Conference

- **Reviewer** for the Conference

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 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"

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 April 2-4, Passau, Germany

[Workshop 2001](#) - Agent-based Simulation II. **Organized** by SCS, ASIM & 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

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 Int'l 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 Turkece)

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

1990s

1999

1999 December 15-19, Istanbul, Turkey

[Informatics'1999](#)

Member of the Advisory Committee

Invited 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 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 için 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 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: Modelisation et simulation des 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 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 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 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

Paper (with B. Abdullah) Integration of Visual Intelligent Software Agent Gauges (VISAG) into a Simulation Environment

1995 June 12-14, San Francisco, CA

Fourth International Golden West Conference on Intelligent Systems

Member of the Program Committee

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 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 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

Invited **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: Bazi 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)
Invited Member of the Panel on: CASE Tools to Support Modelling and Simulation

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 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

Invited 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

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

1988

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

Invited 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 Sim. 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

Invited 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 Kolaylaştıran 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

Invited 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

- 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)

Invited 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

Invited 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

Invited 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

Invited 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

Invited 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

Invited 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

Invited 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

Invited 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

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

Invited 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

Presentation : 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

Invited 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,

Invited Presentation: Computer Simulation, It's all you really need

1972 August 28 - September 1, Oxford, England

International Congress of Cybernetics and Systems at the University of Oxford

Presentation: Simulation of Time-Varying Systems

1971

1971 November 15, Sherbrooke, Quebec

Department of Mathematics of the University of Sherbrooke

Invited 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

Invited 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 Actividades 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

Invited Lecture: A Synopsis of Simulation Languages

1970 April 13, Carbondale, Illinois

University of Illinois

Invited Lecture: A Synopsis of Simulation Languages

1970 March 6, College Station, Texas

Texas A & M University, Dept. of Industrial Engineering

Invited Lecture: Simulation of General Systems

1960s – 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

(With a scholarship from the Japanese Government)

Supervisory Training Seminar, Overseas Technical Cooperation Agency (OTCA)

Presentation: Technical Education & Training in Turkey

Invited Address at the Closing Ceremony

1950s

1959 August 6 - September 24, Naples, Italy

(With a scholarship from the Italian Government)

Second Mediterranean Seminar

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

Invited presentation: University Education in Turkey