

## Dr. Tuncer Ören's Contribution to Conferences/Seminars

updated: 2025-01-29  
(ISO 8601 - y-m-d)

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

											Total	
0	1	2	3	4	5	6	7	8	9		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	6	(4)					25+ (4)	529 + (4)

	At the Univ of Ottawa
	Since 1996 July – as an emeritus Prof from the University of Ottawa

### 2020s

#### 2025

**2025 August 28-29, Tallinn, Estonia**

[ICACDS 2025](#) - 9th International Conference on Advances in Computing and Data Sciences

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

**2025 September 17-19, Fes, Morocco**

[EMSS 2025](#) - European Modeling & Simulation Symposium

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

**2025 September 17-19, İstanbul, Türkiye**

[UBMK](#) – 10<sup>th</sup> International Conference on Computer Science and Engineering

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

**2025 October, Italian Riviera, Bergeggi, Italy**

[WAMS](#): 15<sup>th</sup> International Workshop on Applied Modelling and Simulation

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

#### 2024

**2024 May 09-10, Saclay, France**

[ICACDS 2024](#) - 8th International Conference on Advances in Computing and Data Sciences

**Theme:** Advanced Computing and Data Sciences in Smart Computing

LISV Laboratory, Université Paris-Saclay in association with École d'Ingénieurs, Paris, France

[Proceedings](#)

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

**2024 September 18-20, Tenerife, Spain**

[EMSS 2024](#) - European Modeling and Simulation Symposium

- [Member](#) of the International Program Committee
- 2024 September 30, Zoom, Ankara, Ottawa**  
(In Turkish) [1. Türkiye Bilişim Günü toplantısı](#)
- Dr. Ören'in konuşması: 1:05:57'de başlıyor
- 2024 October 26-28, Antalya, Türkiye**  
[UBMK](#) – 9<sup>th</sup> International Conference on Computer Science and Engineering
- [Member](#) of the Scientific Program Committee
- 2024 November 18-19, Shaoxing City, China**  
[AIS Docet](#): Advanced Computational Intelligence & Simulation for Digital Operations
- Member of the International Program Committee
- 2024 November 21-22, Keqiao, Shaoxing, China**  
[WAMS](#): Workshop on Applied Modelling and Simulation
- Member of the Steering Committee
  - Member of the International Program Committee

## 2023

- 2023 April 27-28, Kolkata, India**  
[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](#) – 8<sup>th</sup> 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 22-23, GPCET, Kurnool, Andhra, Pradesh, 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](#) – 7<sup>th</sup> 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](#) – 11<sup>th</sup> International Conference on Simulation and Modeling Methodologies, Technologies and Applications

- [Honorary Program Co-chair](#)

**2021 September 15-17, Ankara, Turkey**

[UBMK](#) – 6<sup>th</sup> 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 – [2<sup>nd</sup> 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](#) – 2<sup>nd</sup> International Applied mathematics, Modeling and Simulation Conference

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

**2020 July 8-10, Virtual Conference**

[SIMULTECH 2020](#) – 10<sup>th</sup> 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

(5<sup>th</sup> 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 31<sup>st</sup> anniversary of its foundation ([program](#))

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

## 2010s

### 2019

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

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

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

#### 2019 July 29-31, Prague, Czech Republic

[SIMULTECH 2019](#) – 9<sup>th</sup> 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 11<sup>th</sup> 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](#) – 12<sup>th</sup> 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](#) – 8<sup>th</sup> 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](#) – 7<sup>th</sup> 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](#) – 6<sup>th</sup> 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](#) – 11<sup>e</sup> 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 28<sup>th</sup> 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](#)

16<sup>th</sup> 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 7<sup>th</sup> 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](#) – 5<sup>th</sup> 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 7<sup>th</sup> 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 SymposiumPart 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](#) – 4<sup>th</sup> 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-Aghaee) "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](#) – 10<sup>th</sup> 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](#) – 3<sup>rd</sup> 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**

10<sup>th</sup> 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 [ISMC'11](#) - 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, Algarve, Portugal**

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

- **Member:** Organizing Committee

**2008 April 14-17, Ottawa, Ontario, Canada**

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

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

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

- **Symposium General Chair**  
(Program Co-Chairs: Dr. Maarten Sierhuis, Dr. Gregory Madey, Dr. Levent Yilmaz, Dr. Andreas 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 Mirabelli](#)): [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, Bergeggi, 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 Systemes

- **Invited Presentations:**
  - [Modeling and Simulation of Human Behavior](#)
  - [M&SNet and International Synergistic Opportunities](#) for LSIS and VERSIM (and other member organizations of the M&SNet)

### 2005 June 27-30, Qawra, Malta

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

- **Member** of the International Program Committee

### 2005 July 10-13, Orlando, FL

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

- **Reviewer** for the Conference



**2005 July 14-17, Orlando, FL**

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

- **Reviewer** for the Conference

**2005 July 22-27, Las Vegas, Nevada**

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

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

**2005 July 24-28, Philadelphia, PA**

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

- **Member** of the International Program Committee
- **Organizer** (with Dr. Levent Yilmaz) of the [Track of Sessions on: Agent-directed Simulation](#)
- **Invited** Luncheon Speaker: [Ethics in Simulation](#) (SimEthics)

**2005 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 [IITSEC](#))

- **Observer** of the McLeod Modeling and Simulation Network ([M&SNet](#)) of the Society for Modeling and Simulation International ( [SCS](#))  
(During this meeting, M&SNet is accepted to be an affiliate of the SimSummit.)

## 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-Aghaei):
  - 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 Türkçe](#))
- Code of Professional Ethics for Informatics (In Turkish: [Bilisim Mesleği 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**

14<sup>th</sup> 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**

1<sup>st</sup> 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**

32<sup>nd</sup> 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**

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

**Member** of the International Program Committee

**1998 July 26-28, Beidaihe, Qinhuangdao, China**

The 3<sup>rd</sup> Workshop of the International Institute for General Systems Studies

**Member** of the International Program Committee

**1998 July 19-20, Montreal, Canada**

DIS-RT98: 2<sup>nd</sup> International Workshop on Distributed Interactive Simulation and Real Time Applications (within the 6<sup>th</sup> 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 yapılabilecekler.).

**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: Yazılım 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, 3<sup>rd</sup> 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-Aghaee)

**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, TMS 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