Publications, Presentations and Other Activities of Dr. Tuncer Ören on:
Synergies of Artificial Intelligence and Cybernetics with Simulation and Software Engineering

See also Publications and Presentations of Dr. Tuncer Ören on:
- Agent-Directed Simulation
- Cognitive and Emotive Simulations: Personality, Perception, Anticipation, Emotions
- Quality assurance
- Understanding

Some statistics:
(58 publications and 39 presentations in over 30 cities in 14 countries: Austria, Canada, China, Czechoslovakia, Denmark, France, Germany, Holland, Hungary, Iran, Japan, Norway, Turkey, and USA)

<table>
<thead>
<tr>
<th>Years</th>
<th>Publications</th>
<th>Presentations</th>
<th>totals</th>
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<td>1980s</td>
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<td>1990s</td>
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<td>2010s</td>
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<td>2020s</td>
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1978
1980

- 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

1981


1982


1983

- 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

1984


- 1984 June 12-15, Trondheim, Norway
  Statoil
  Invited 8 Seminars:
  - Artificial Intelligence in Modelling, Simulation, and Simulation Software
  - 1984 June 17-21, Copenhagen, Denmark
  International Meeting of TIMS
  Invited Presentation: Artificial Intelligence in Modelling, Simulation, and Simulation Software

1985


- 1985 April 24, Vienna, Austria
  Austrian Cybernetics Society
  Invited Lecture: The Many Facets of Simulation:
  A Taxonomy of Traditional and Artificial Intelligence Aspects

- 1985 June 3, Laxenburg, Austria - IIASA
  Seminar: The Many Facets of Simulation:
  A Taxonomy of Traditional and Artificial Intelligence Aspects
• 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
  - Expert Systems and Organizational Models
  **Member of the Closing Panel** on:
  - Future Prospects for Artificial Intelligence in Simulation
• 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

1986


- 1986 July 15-17, Tokyo, Japan
  Conference on Recent Advances in Simulation of Complex Systems
  Chairman of the Session: Artificial Intelligence
  Member of the Panel Session on Artificial Intelligence

- 1986 August 11, Philadelphia, Pennsylvania
  Workshop on AI and Simulation, in conjunction with AAAI-86
  (5th National Conference on Artificial Intelligence)
  Discussant in the Panel on:
  - Artificial Intelligence and Simulation - The State-of-the-Art and Future Directions

1987


• 1987 July 27-30, Montreal, PQ, Canada
  Summer Computer Simulation Conference - Sponsor: SCS
  Member of the Panel on: New Directions in Simulation and Artificial Intelligence

• 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

1988


• 1988 June 6-10, Nice, France
  European Simulation Multiconference, Sponsor: SCS
  Paper (with J. Tam): An Expert Modelling and Simulation System on Sun Workstation

• 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 Modelling and Simulation

• 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 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).

1989


- 1989 June 21, Prague, Czechoslovakia
  Charles University, Computer Science Department
  Invited Seminars on:
  - Artificial Intelligence in Modelling and Simulation
  - Simulation Quality Assurance in the Artificial Intelligence Era

- 1989 July 3, Bornova, Izmir, Turkey
  Ege University, Department of Computer Engineering
  Invited Seminar: Yazılımda Yapay Zekâ (In Turkish - Artificial Intelligence in Software Engineering)

- 1989 August 21, Detroit, Michigan
  Fourth Artificial Intelligence and Simulation Workshop
  Within IJCAI-11: The 11th International Joint Conference on Artificial Intelligence
  Member of the Panel of the Workshop

- 1989 December 4-6, Washington, D.C.
  Winter Simulation Conference
  Sponsors: ASA, ACM SIGSIM, IEEE SMCS, IEEE CS, IIE, NIST, ORSA, TIMS CS, SCS
  Chairman of the Session on: Combined Techniques of Artificial Intelligence in Systems Analysis

1990


- 1990 January 17-19, San Diego, CA
  Simulation and Artificial Intelligence (Western Simulation Multiconference) (Sponsor: SCS)
  Member of the Panel on: CASE Tools to Support Modelling and Simulation

- 1990 Nov. 7, Ankara, Turkey
  "Information Age" Seminar (Under the auspices of the Turkish Ministry of Culture) TC Milli Eğitim Bakanlığı
  Invited Seminar: Yazılımda Yapay Zekâ (In Turkish - Artificial Intelligence in Software)

1991

- 1991 April 1-5, New Orleans, Louisiana
  Artificial Intelligence and Simulation Conference, The Society for Computer Simulation

- 1991 June 3 - June 14, Istanbul, Turkey
  Technical University of Istanbul (ITU)
  Under the auspices of the United Nations TOKTEN Program
  Invited six 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 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
  Invited Presentations: - Artificial Intelligence and its Applications in Industry (In Turkish)
1992

1994


1995

• 1995 July 24-26, Ottawa, Ontario
  Summer Computer Simulation Conference,
  Sponsor: The Society for Computer Simulation International (SCSI)
  Organizer and Moderator of the Panel on: Synergy of Artificial Intelligence and Simulation: Recent Advances and Promising Research Areas

1996


• 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

1997
• 1997 June 5-6, Rouen, France
  MOSIM’97: Systèmes de productions et de logistique
  (Premiere conference francophone de modelisation et de simulation)
  Sponsors: AFCET, FRANCOSIM, SCS
  Invited Plenary Presentation: Intelligence artificielle et simulation

1998
• 1998 November 9, Görükle, Bursa, Turkey
  Uludag University, Faculty of Education, Dept. of Computer and Education Technologies
  Invited Seminar:
  - Simulation and Artificial Intelligence (In Turkish)
1999

- 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 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)

2005

- 2005 November 28 - December 1, Orlando, Florida
  I/ITSEC - Interservice/Industry Training, Simulation Conference
  **Member** of the Panel on: Artificial Intelligence, Intelligent Agents and Game Technology
  (**Position Statement**)  

2008


2010


2011


2013

  (Published in 2014 January listed as 2014-02)  


2014


2015


• 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

2016


• 2016 April 3-6, Pasaden, 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.”
2017


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)

2018


2022
