

Publications of Dr. Tuncer Ören

For the list of books and proceedings only, please click [here](#)

updated: 2025-03-11
(ISO 8601 - y-m-d)

Statistics of **all** publications (by year, by decade)

	0	1	2	3	4	5	6	7	8	9	total	Cumulative total
1960s		4		2	2		3	3		1	15	15
1970s	1	4	4	7	7	9	8	8	12	9	69	84
1980s	6	13	11	13	32	19	13	25	6	15	153	237
1990s	14	8	16	8	9	9	6	4	4	2	80	317
2000s	8	6	8	6	11	16	18	12	9	20	114	431
2010s	13	12	17	16	13	8	10	10	10	6	115	546
2020s	10	10	9	30	5	1					65	611

(*) (in press, in preparation)

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

Statistics of publications on **Modeling and Simulation** (by year, by decade)

	0	1	2	3	4	5	6	7	8	9	total	Cumulative total
1960s								1			1	1
1970s	1	4	4	3	5	7	4	7	11	7	53	54
1980s	6	6	10	9	28	19	13	24	5	11	131	185
1990s	11	6	12	7	4	9	5	3	2	1	60	245
2000s	6	5	6	6	11	14	13	10	9	19	99	344
2010s	12	10	16	11	8	7	10	10	10	6	100	444
2020s	8	6	5	24							43	487

(*) (in press, in preparation)

2025

2025-01 Singh, Mayank (Author), Vipin Tyagi (Editor), P. K. Gupta (Editor), Jan Flusser (Editor), Tuncer **Ören** (Editor), Amar Ramdane Cherif (Editor), Ravi Tomar (Editor) (2024). Advances in Computing and Data Sciences: 8th International Conference, ICACDS 2024, Velizy, France, May 9-10, 2024, Revised Selected Papers ([Volume 2194](#)). XIII, 350 p.

2024

2024-01 Pekel, Ahmet, Eymen Görgülü, İ. İlker Tabak, Koray Özer, Tuncer **Ören** (2024). Bilişimde Yeni Kavramlar: TBD Bilişim Sözlüğünden Seçmeler. Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Yıl: 2024, Sayı: 196 (Ocak), sayfa 103. ([pdf](#)).

- 2024-02 **Ören, T.** (2024, Haziran 6). Yapay Zekâ: Kuruluşlarımız, Ülkemizdeki Bazı Son Etkinlikler ve Dünyadaki Yarış. HBT – [Herkes Bilim Teknoloji, sayı 425](#), sayfa 14-15.
- 2024-03 **Ören, T.** (2024 – Nisan-Temmuz). Güncel Bilişim Kavramları İçin Türkçe Terim Çalışmaları ve Duyguların Bile Yabancı Dille Dışavurumlarının Yaygınlığı İkilemi: Hangi Amaçlarla Ne Yapabiliriz? Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Yıl: 2024, Sayı: 197-198 (Nisan-Temmuz), sayfa: 52-57. ([pdf](#))
- 2024-04 Görgülü, Eymen, İ. İlker Tabak, Koray Özer, Tuncer **Ören**, Ahmet Pekel (2024 - **In press**). Bilişimde Yeni Kavramlar: TBD Bilişim Sözlüğünden Seçmeler-2. Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Yıl: 2024, Sayı: 197-198 (Nisan-Temmuz), sayfa: 58-62. ([pdf](#))
- 2024-05 **Ören, T.** (2024). Bilişim Çağı Yapay Zekâ Çağına Evrimleşirken Türkçemizi Özenle Kullanabiliriz: Bilgi İşlemede Kavram ve Terim Öbekleri. Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Yıl: 2024, Sayı: 197-198 (Nisan-Temmuz), sayfa: 104-107. ([pdf](#))

2023

- 2023-01 **Ören, T., B. Zeigler, A. Tolk** (2023). Body of Knowledge for Modeling and Simulation: A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. XV, 525 pp. (in the Simulation Foundations, Methods and Applications Series - SFMA.) (at [Springer](#), at [Amazon](#), at [Barnes & Noble](#)).
- The following 20 entries (2023-02 – 2023-21) are for the Body of Knowledge for Modeling and Simulation: A Handbook by the Society of Modeling and Simulation International**
- 2023-02 **Ören, T.** (2023). Scope (**Section 1.1** of [Chapter 1: Preliminary](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 1-2.**
- 2023-03 **Ören, T.** (2023). The Big Picture (**Section 2.1** of [Chapter 2: M&S BoK Core Areas](#) and the Big Picture). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 21-29.**
- 2023-04 **Ören, T.** (2023). Types of Experimentations (**Section 3.1** of [Chapter 3: Simulation as Experimentation](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 77-80.**
- 2023-05 **Ören, T.** (2023). Types of Simulation Techniques for Experimentations (**Section 3.3** of [Chapter 3: Simulation as Experimentation](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 85-87.**
- 2023-06 **Ören, T.** (2023). Types of Simulation Techniques for Experience (**Section 4.1** of [Chapter 4: Simulation as Experience to Enhance Three Types of Skills](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 122-123.**
- 2023-07 **Ören, T.** (2023). Code of Best Practice (**Section 6.2** of [Chapter 6: Infrastructure](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 153-154.**
- 2023-08 **Ören, T.** (2023). Lessons Learned (**Section 6.3** of [Chapter 6: Infrastructure](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. **pp. 154.**

- 2023-09 **Ören, T.** (2023). Errors – Types and Sources ([Section 7.1](#) of [Chapter 7: Reliability and Quality Assurance](#) of M&S). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 168-181.
- 2023-10 **Ören, T.** (2023). Failure Avoidance ([Section 7.5](#) of [Chapter 7: Reliability and Quality Assurance](#) of M&S). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 200-204.
- 2023-11 **Ören, T.** (2023). Code of Ethics for Simulationists ([Section 8.3](#) of [Chapter 8: Ethics](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 215-219.
- 2023-12 **Ören, T.** (2023). Models, Programs, Processes, Individuals, and Organizations ([Section 10.1](#) of [Chapter 10: Maturity and Accreditation](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 249-251.
- 2023-13 **Ören, T.** (2023). Wearable Simulation ([Section 11.3](#) of [Chapter 11: Supporting Computer Domains](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 259.
- 2023-14 **Ören, T.** (2023). Quantum Simulation ([Section 11.5](#) of [Chapter 11: Supporting Computer Domains](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 270-271.
- 2023-15 **Ören, T.** (2023). Synergies of Artificial Intelligence and M&S ([Section 12.3](#) of [Chapter 12: Synergies of Soft Computing and M&S](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 290-294.
- 2023-16 **Ören, T.** (2023). Synergies of Agents and M&S ([Section 12.5](#) of [Chapter 12: Synergies of Soft Computing and M&S](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 295-297.
- 2023-17 Neto, V.V.G., **Ören, T.** (2023). Facets of Agent-Directed Simulation ([Section 12.6](#) of [Chapter 12: Synergies of Soft Computing and M&S](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 297-309.
- 2023-18 **Ören, T.** (2023). Previous Studies on M&S BoK ([Section 17.4](#) of [Chapter 17: History of Simulation](#)). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 427-434.
- 2023-19 **Ören, T.** (2023). [Appendix A - Glossary of Terms](#) Used in this Document. **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 495-501.
- 2023-20 **Ören, T.** (2023). [Appendix A2 - Dictionaries of Modeling and Simulation \(M&S\), Cybernetics, and Systems](#). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 502-503.

- 2023-21 **Ören, T.** (2023). [Appendix A3 - M&S Associations/Organizations/Committees/Groups/ Research Centers](#). **Ören, T., B. Zeigler, A. Tolk.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. pp. 504-512.
-
- 2023-22 B.P. Zeigler, T. **Ören**, A. Tolk (eds.) (2023 – Invited contribution - Open Access). Special Issue of Information. [Simulation Modeling Theory and Practice: Pushing the Boundaries](#).
- 2023-23 **Ören, T.** (2023 – In Turkish). [Benzetimin Artan Önemi](#). Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı - Yıl: 2023 - Ocak - Sayı: 8 (192), sayfa 10-13.
- 2023-24 Wagner, G., Werner, F., **Ören, T.**, De Rango, F. (Eds.) (2023). [Simulation and Modeling Methodologies, Technologies and Applications – 11th International Online Conference \(SIMULTECH 2021\)](#), July 8-10, 2021. Revised Selected Papers. Springer Nature. Cham, Switzerland.
- 2023-25 **Ören, T.** (2023). [Sistem Çalışmalarının Güvenliği Açısından Aksaklık ve Başarısızlığın Önlenmesini Gerektiren Başlıca Etkenler](#) (In: Turkish). Bilişim Dergisi, Nisan. Sayfa 12-15.
- 2023-26 Görgülü, E.Y., **Ören, T.** (2023). [Siber Güvenlik: Bilgi Varlığı, Temel Kavramlar ve 100'den Fazla Sözlük](#). (In: Turkish). Bilişim Dergisi, Nisan. Sayfa 76-83.
- 2023-27 Mayank Singh (Author), Vipin Tyagi, P. K. Gupta, Jan Flusser, Tuncer **Ören** (Eds.) (2023). [ICACDS 2023](#), Kolkata, India, April 27–28, 2023, Revised Selected Papers (Vol. 1848), 595 p. Springer Nature, Switzerland. Cham, Switzerland. ([Springer](#), [Amazon](#))
- 2023-28 **Ören, T.** (2023 – In Turkish). [Türkçemize Özen ve Benzerleri Fransızcada Yapılsa Barbarlık Denebilecek Bazı Örnekler](#). Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı - Yıl: 2023 – Temmuz-Eylül - Sayı: 9, sayfa 10-14.
- 2023-29 **Ören, T.** (2023 – In Turkish). Yapay Zekâ Çağında Yenileşme ve Bunu Başarıırken Türkçemizi Özenle Kullanma. Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı - Yıl: 2023 – Ekim-Kasım-Aralık - Sayı: 195, sayfa 10-13 ([pdf](#))
- 2023-30 **Ören, T., A. Pekel, K. Özer, İ.İ. Tabak, E.Y. Görgülü** (2023). Türkiye Bilişim Derneği Bilişim Terimleri Sözlüğü (İngilizce-Türkçe, Türkçe-İngilizce). Türkiye Bilişim Derneği'nin Cumhuriyetimizin Yüzüncü Yılı Armağanı. ISBN: 978-605-82941-8-9. Türkiye Bilişim Derneği, Ankara, 751 s. ([Yayımlanma haberi](#)) ([pdf](#)) ([basında ve medyada](#))
- 2022**
- 2022-01 **Ören, T.** (2022 – In Turkish). [Türkçeleri Varken Gereksiz yere Kullanılan Sözcükler ve “Keşke Böyle Yazmasalardı” Diye Düşündüren İngilizce Kullanımlar](#). Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı, Yıl: 2022 - Ocak - Sayı: 4 (188), sayfa 48-51.
- 2022-02 **Ören, T. İ. İlker Tabak, Eymen Yensi Görgülü** (2022 – In Turkish). [Türkiye'deki Bilişim Kuruluşları \(70'den fazla öbekte 230'dan fazla Türk Bilişim Kuruluşu\)](#). [Bilişim](#) (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Yıl 1, Sayı 4, Ocak 2022, Sayfa 132-139.
- 2022-03 **Ören, T.** (Invited chapter). [Security of Cyber-Physical-Social Systems: Impact of Simulation-Based Systems Engineering, Artificial Intelligence, and Ethics](#). In: Petros Nicopolitidis, Sudip Misra, Laurence T. Yang, Bernard Zeigler, Zhaolng Ning (Eds.) [Advances in Computing, Informatics, Networking and Cybersecurity - A Book Honoring Professor Mohammad S. Obaidat's Significant Scientific Contributions](#). Lecture Notes in Networks and Systems, Vol.289, Springer, pp. 711-732.
- 2022-04 **Ören, T.** (2022 – In Turkish). [Teknolojinin Evrimi Yeterli mi? Sanayi Devrimleri ve Araçların Somuttan Soyuta Evriminde Bilgi İşlem ve Yapay Zekâ](#). Bilişim (Türkiye Bilişim Derneği

- Bilişim Kültürü Dergisi), Köşe yazısı (Özenli Türkçe) - Yıl: 2022 - Nisan - Sayı: 5 (189), sayfa 14-19.
- 2022-05 **Ören**, T. (2022 – In Turkish). “[Türkçem için ne yaptım?” diye düşünmek ya da Türkçemize gereken özeni göster\(ebil\)me bilinci](#), Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı, Yıl: 2022 - Temmuz - Sayı: 5 (189), sayfa 36-43.
- 2022-06 Mayank Singh, Vipin Tyagi, P. K. Gupta, Jan Flusser, Tuncer **Ören** (Eds.) (2021). Advances in Computing and Data Sciences, 6th International Conference, ICACDS 2022, Kurnool, India, April 22–23, 2022, Revised Selected Papers, [Part I](#), [Part II](#), Springer Nature, Switzerland. Cham, Switzerland.
- 2022-07 **Ören**, T. (2022-In Turkish). “[Cybersoft” Teriminin İngilizcede İlk Kullanımı ve Bazı Yapay Zekâ Uygulamalarında İlerlemeler](#). Bilişim (Türkiye Bilişim Derneği Bilişim Kültürü Dergisi), Köşe yazısı - Yıl: 2022 - Ekim - Sayı: 7 (191), sayfa 14-17.
- 2022-08 **Ören**, T. (2022). [Modeling and Simulation of Social Systems: Inherent Methodological Difficulties and Challenges](#). International Journal of Computer & Software Engineering. 2022, vol. 7, issue: 2: IJCSE-179.
- 2022-09 **Ören**, T. (2022-In Turkish). [Türkçenin Varsıllığı: Bazı Kanıtlar ve Kimler Katkıda Bulunabilir?](#) TURK Internet.com, 27 Kasım 2022.
- 2021**
- 2021-01 Obaidat, M.S., T. **Ören**, H. Szczerbicka, (Eds.) (2020). [Simulation and Modeling Methodologies, Technologies and Applications](#) – 9th International Conference, SIMULTECH 2019, Prague, Czech Republic, July 29-31, 2019, Revised Selected Papers. Springer (In the Series: Advances in Intelligent Systems and Computing).
- 2021-02 Irani, R., P.S. Monfard, M. Kazemifard, and T. **Ören** (2021, Invited contribution). Computationally Aware Systems: Recommended Features through a Review of 188 Definitions and its Relevance to Advanced Simulation. International Journal of Modeling, Simulation, and Scientific Computing. Vol. 12, No,1 (2021), 2130001-1--30, DOI: 10.1142/S1793962321300016. ([Open access](#)).
- 2021-03 **Ören**, T. (2021 – In Turkish). [Özenli Türkçe: Hepimize yaraşır](#). TBD Bilişim Kültürü Dergisi, Köşe yazısı, Yıl: 2021 - Nisan - Sayı: 1 (185), sayfa 10-13.
- 2021-04 **Ören**, T. (2021 – Invited chapter, In Turkish). [Bilişim, Benzetim, TBD ve Tuncer Ören](#). In: Bozkurt, A.B. (ed.) (2021). Bilişim Yarım Asırlık Çınarı 1971-2021 (TBD'nin 50. Yılı). TBD, Ankara, Turkey. Sayfa: 414-423.
- 2021-05 **Ören**, T. (2021 – In Turkish). [Yapay Zekâ Uygulamalarında Özenli Türkçe: Makine Anlaması Konusunda 120'den Fazla Türkçe Terim](#). TBD Bilişim Kültürü Dergisi_Köşe yazısı, Yıl: 2021 - Temmuz - Sayı: 2 (186), sayfa 12-15.
- 2021-06 Wagner, G., Werner, F., **Ören**, T., De Rango, F. (Eds.) (2021). [Proceedings of Simulation and Modeling Methodologies, Technologies and Applications](#) – 11th International Online Conference (SIMULTECH 2021), July 7-9, 2021. SciTePress, Porto, Portugal.
- 2021-07 Obaidat, M.S., T. **Ören**, F. De Rango, F. (Eds.) (2021). Simulation and Modeling Methodologies, Technologies and Applications - 10th International Conference, SIMULTECH 2020, July 8-10, 2020. Revised Selected Papers. Springer Nature. Cham, Switzerland.
- 2021-08 **Ören**, T. (2021 – In Turkish). [Türkçemizin Matematiksel Düzenliliğine Örnekler: Büyük ve Küçük Ünlü Uyumları](#). TBD Bilişim Kültürü Dergisi, Köşe yazısı, Yıl: 2021 - Ekim - Sayı: 3 (187), sayfa 30-33.

- 2021-09 Mayank Singh, Vipin Tyagi, P. K. Gupta, Jan Flusser, Tuncer **Ören**, V. R. Sonawane (Eds.) (2021). *Advances in Computing and Data Sciences*, 5th International Conference, ICACDS 2021, Nashik, India, April 23–24, 2021, Revised Selected Papers, [Part I](#), [Part II](#), Springer Nature, Switzerland. Cham, Switzerland.
- 2021-10 İ. İ. Tabak, A. Pekel, K. Özer, E. Görgülü and T. **Ören**, "[Meticulous Use of Turkish Informatics Terms to Deter Defective Turkish](#)," *2021 2nd International Informatics and Software Engineering Conference (IISEC)*, 2021, pp. 1-4, doi: 10.1109/IISEC54230.2021.9672408. IEEE Turkey Section, Dec. 16-17. 2021, Ankara, Turkey. ([video](#)) ([presentation](#))

2020

- 2020-01 Obaidat, M.S., T. **Ören**, De Rango, F. (Eds.) (2019). *Simulation and Modeling Methodologies, Technologies and Applications – 8th International Conference, SIMULTECH 2018*, Porto, Portugal, July 29-31, 2018, Revised Selected Papers. Springer (In the Series: *Advances in Intelligent Systems and Computing*).
- 2020-02 Tabak, İ. İlker, Yiğit Ergin, Koray Özer, Erdal İ. Naneci, Tuncer **Ören**, Ahmet Pekel, Ersin Taşçı (2020). [Özenli Türkçenin Yaygınlaşmasında Örnek Çalışma: TBD Bilişimde Özenli Türkçe Grubu Terim Sözlüğü](#).
- 2020-03 De Rango, F., T. **Ören**, M.S., Obaidat (Eds.) (2020). *Proceedings of Simulation and Modeling Methodologies, Technologies and Applications - 10th International Conference, SIMULTECH 2020*, July 8-10, 2020. SciTePress, Porto, Portugal.
- 2020-04 **Ören**, T. (2020 – Invited Chapter). [Shift of Paradigm from Model-based to Simulation-based](#). In Obaidat, M.S., T. **Ören**, H. Szczerbicka, (Eds.) (2020). *Simulation and Modeling Methodologies, Technologies and Applications – 9th International Conference, SIMULTECH 2019*, Prague, Czech Republic, July 29-31, 2019, Revised Selected Papers. Springer (In the Series: *Advances in Intelligent Systems and Computing*), pp. 29-45.
- 2020-05 Singh, M., P.K. Gupta, V. Tyagi, J. Flusser, T. **Ören**, G. Valentino (eds.) (2020). [Advances in Computing and Data Sciences](#). 4th International Conference, ICACDS 2020, Valetta, Malta, April 24-25, 2020, Revised Selected Papers. Springer. (at [Amazon](#))
- 2020-06 **Ören**, T. (2020 – In Turkish). [“Dijital” Yerine “Sayısal” Sözcüğünü Yeğlesek: Niçin ve Nasıl?](#) BT Haber 13 Ağustos, 2020.
- 2020-07 Risco-Martin, J.-L., S. Mittal, T. **Ören** (Eds.) (2020). *Simulation for Cyber-Physical Systems Engineering: A Cloud-based Context*. Springer. ([Springer](#)) ([Amazon](#))
- 2020-08 **Ören**, T. (2020). Agent-directed Simulation and Nature-inspired Modeling for Cyber-Physical Systems Engineering. Chapter 7 in: Risco-Martin, J.-L., S. Mittal, T. Ören (Eds.) (2020). *Simulation for Cyber-Physical Systems Engineering: A Cloud-based Context*. Springer, pp. 143-166.
- 2020-09 **Ören**, T. (2020). Ethical and Other Highly Desirable Requirements for Cyber-Physical Systems Engineering. Chapter 17 in: Risco-Martin, J.-L., S. Mittal, T. Ören (Eds.) (2020). *Simulation for Cyber-Physical Systems Engineering: A Cloud-based Context*. Springer, pp. 429-445.
- 2020-10 Obaidat, M.S., T. **Ören**, De Rango, F. (Eds.) (2018). [Simulation and Modeling Methodologies, Technologies and Applications](#) – 7th International Conference, SIMULTECH 2017, Madrid, Spain, July 26-28, 2017, Revised Selected Papers. Springer (In the Series: *Advances in Intelligent Systems and Computing*).

2010s

2019

- 2019-01 **Ören**, T., S. Mittal, U. Durak (2019 Invited Chapter). Modeling and Simulation: The Essence and Increasing Importance. Chapter 1 in the book: Modeling and Simulation of Complex Communication Networks (M. A. Niazi, ed.), pp. 3-26. IET Book Series on Big Data. (Appendix A: A list of over 750 types of simulation, Appendix B: A list of 120 types of input), pp.3-26.
- 2019-02 **Ören**, T. (2019 Invited Contribution). Over Fifty Years of my Involvement in Simulation. In: John Sokolowski, Umut Durak, Nav Mustafee, and Andreas Tolk (eds.) Summer of Simulation – 50 Years of Seminal Computing Research, Springer, pp. 55-75.
- 2019-03 Obaidat, M.S., F. De Rango, and T. **Ören** (Eds.) (2019). Simulation and Modeling Methodologies, Technologies and Applications, vol. 10, nb. 2, April 2019, Special Section of IJMSSC based on selected and revised articles from SIMULTECH 2017 and 2018.
- 2019-04 Obaidat, M.S., T. **Ören**, H. Szczerbicka (Eds.) (2019). Proceedings of the Simulation and Modeling Methodologies, Technologies and Applications – International Conference, SIMULTECH 2019, Prague, Check Republic, July 29-31, 2019. SciTePress.
- 2019-05 Sing, M., P.K. Gupta, V. Tyagi, J. Flusser, T. **Ören**, R. Kashyap (eds.) (2019). Advances in Computing and Data Sciences. Third International Conference, ICACDS 2019, Dehradun, India, April 12-13, 2019, Revised Selected Papers, [Part I](#) and [Part II](#). Springer.
- 2019-06 BoHu Li, T.I. **Ören**, Guanghong Gong et al. (2020). Modeling and Simulation Dictionary: Chinese-English and English-Chinese – augmented and revised 2nd edition (over 13 000 terms), Chinese Science Press, Beijing, P.R. of China. ([cover](#))

2018

- 2018-01 **Ören**, T., S. Mittal, U. Durak (2018 – Invited Paper). A Shift from Model-Based to Simulation-Based Paradigm: Timeliness and Usefulness for Many Disciplines. International Journal of Computer & Software Engineering. Vol:3, issue: 1.
([article-IJCSE-126](#)) (at [ResearchGate](#))
- 2018-02 **Ören**, T. (2018). [Simulation of Cyber-Physical Systems of Systems: Some Research Areas – Computational Understanding, Awareness and Wisdom](#). The Journal of Chinese Simulation Systems, year 2018, issue 2. DOI: 10.16182/j.issn1004731x.joss.201802002
- 2018-03 **Ören**, T., S. Mittal, U. Durak (2018 April). Induced Emergence in Social System Engineering: Multimodels and Dynamic Couplings as Methodological Bases. Chapter 9 in: S. Mittal, S. Diallo and A. Tolk (eds.) (2018). [Emergent Behavior in Complex Systems Engineering: A Modeling and Simulation Approach](#), Wiley. Hoboken, NJ. ([Ch. 9 at Amazon](#))
DOI: <https://doi.org/10.1002/9781119378952.ch9>
- 2018-04 **Ören**, T. (2018 July). [On the Advantages of Simulation based Approach in Engineering](#). COJ Electronics & Communications, vol. 1, issue 1. COJEC.000501.2018.
- 2018-05 De Rango, F., T. **Ören**, M.S. Obaidat (Eds.) (2018). [Proceedings of 8th International Conference on Simulation and Modeling Methodologies, Technologies and Applications](#), SIMULTECH 2018, July 29-31, 2018, Porto, Portugal, ScitePress.
- 2018-06 Obaidat, M.S., T. **Ören**, Y. Merkurjev (Eds.) (2018). [Simulation and Modeling Methodologies, Technologies and Applications](#) – 6th International Conference, SIMULTECH 2016, Lisbon, Portugal, July 29-31, 2016, Revised Selected Papers. Springer (In the Series: Advances in Intelligent Systems and Computing). ISBN 978-3-319-69831-1

DOI: <https://doi.org/10.1007/978-3-319-69832-8>

- 2018-07 Durak, U., T. Pawletta, T. **Ören** (2018). Simulating Variable System Structures for Engineering Emergence. [Chapter 16](#) of: Rainey, L. and M. Jamshidi (eds.) *Engineering Emergence: A Modeling and Simulation Approach*, CRC Press
- 2018-08 **Ören**, T. (2018). Powerful Higher-Order Synergies of Cybernetics, Systems Thinking, and Agent-Directed Simulation for Cyber-Physical Systems. *Acta Systemica*, Vol. 18. No. 2 (July 2018), pp 1 – 5.
- (Also presented as a keynote at: [InterSymp 2018](#) – The 30th International Conference on Systems Research, Informatics and Cybernetics, and The 38th Annual Meeting of the International Institute for Advanced Studies, July 30 – August 3, 2018, Baden-Baden, Germany) ([presentation](#)).
- 2018-09 Sing, M., P.K. Gupta, V. Tyagi, J. Flusser, T. **Ören** (eds.) (2018). Advances in Computing and Data Sciences. Second International Conference, ICACDS 2018, Dehradun, India, April 20-21, 2018, Revised Selected Papers, [Part I](#) and [Part II](#). Springer.
- 2018-10 Gupta, P.K., T. **Ören**, M. Singh (eds.) (2018). [Predictive Intelligence Using Big Data and the Internet of Things](#). IGI Global.

2017

- 2017-01 Mittal, S., U. Durak, T. **Ören** (eds.). (2017). Guide to Simulation-Based Disciplines: Advancing our Computational Future, Springer. (& Preface, Epilogue) (at [Springer](#), at [Amazon](#))
- 2017-02 **Ören**, T., S. Mittal, U. Durak (2017). The Evolution of Simulation and its Contributions to Many Disciplines. Chapter 1 of: S. Mittal, U. Durak, T. Ören (eds.), Guide to Simulation-Based Disciplines: Advancing our Computational Future, Springer, pp. 3-24.
- 2017-03 **Ören**, T., S. Mittal, C. Turnitsa, and S.Y. Diallo (2017). Simulation-based Learning and Education. Chapter 13 of: S. Mittal, U. Durak, T. Ören (eds.), Guide to Simulation-Based Disciplines: Advancing our Computational Future, Springer, pp. 293-314.
- 2017-04 Tolk, A. and T. **Ören** (2017 July). The Profession of Modeling and Simulation. (printed and e-version3 at [Wiley](#)).
- 2017-05 Durak, U., T. **Ören**, and A. Tolk (2017). An Index to the Body of Knowledge of Simulation Systems Engineering (Chapter 2 of: Tolk, A. and T. Ören (eds.). The Profession of Modeling and Simulation. Wiley.
- 2017-06 De Rango, F., T. **Ören**, M.S. Obaidat (Eds.) (2017). [Proceedings of the 7th International Conference on Simulation and Modeling Methodologies, Technologies and Applications \(SIMULTECH'17\)](#), Madrid, Spain, 26-28 July 2017, SciTePress.
- 2017-07 Singh, M., Gupta, P.K., Tyagi, V., Sharma, A., **Ören**, T., Grosky, W. (Eds.) (2017). Advances in Computing and Data Sciences. First International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016, Revised Selected Papers. Springer. (at [Springer](#), at [Amazon](#))
- 2017-08 **Ören**, T., L. Yilmaz (2017): “[The Age of the Connected World of Intelligent Computational Entities: Reliability Issues including Ethics, Autonomy and Cooperation of Agents](#).” (Invited ebook chapter), Faria Nassiri Mofakham (ed.) *Frontiers in Artificial Intelligence - Intelligent Computational Systems*. Bentham Science Publishers, pp. 184-213.
- 2017-09 Ghasem-Aghaee, N., T. **Ören**, and L. Yilmaz (2017) “[Simulation, Intelligence and Agents: Exploring the Synergy](#).” (Invited ebook chapter), Faria Nassiri Mofakham (ed.) *Frontiers in Artificial Intelligence - Intelligent Computational Systems*. Bentham Science Publishers, pp.

1-58.

2017-10 **Ören**, T. (2017). [Note on Cyber Risk and Cyber Security](#). SCS Newsletter, Dec. pp. 1-2.

2016

[2016-01](#) **Ören**, T.I. (2015). Foreword. Topçu O., U. Durak, H. Oğuztüzün, and L. Yilmaz (2016). Distributed Simulation: Model-Driven Engineering Approach. Springer

[2016-02](#) Obaidat, M.S., J. Kacprzyk, T. **Ören**, J. Filipe (Eds.) (2016). Simulation and Modeling Methodologies, Technologies and Applications – International Conference, SIMULTECH 2014, Vienna, Austria, August 28-30, 2014, Revised Selected Papers. Springer (In the Series: Advances in Intelligent Systems and Computing).

[2016-03](#) **Ören**, T., L. Yilmaz, N. Ghasem-Aghaee, M. Kazemifard, and F. Noori (2016). Machine Understanding in Agent-Directed Simulation: State-of-the-art and Research Directions. (Keynote article of the 2016 Modeling and Simulation of Complexity in Intelligent, Adaptive and Autonomous Systems (MSCIAAS) Symposium of the SpringSim'16), Proceedings of the SpringSim'16, Umut Durak and Murat Günel, (eds.), April 3-6, 2016, Pasadena, CA, (SCS – The Society for Modeling and Simulation International), San Diego, CA, pp. 848-855. ([presentation](#))

[2016-04](#) Durak, U. and T. **Ören** (2016). Towards an Ontology for Simulation Systems Engineering. Proceedings of the SpringSim'16, Umut Durak and Murat Günel, (eds.), April 3-6, 2016, Pasadena, CA, (SCS – The Society for Modeling and Simulation International), San Diego, CA, pp. 167-170.

[2016-05](#) Obaidat, M.S., J. Kacprzyk, T. **Ören**, J. Filipe (Eds.) (2016). Simulation and Modeling Methodologies, Technologies and Applications – International Conference, SIMULTECH 2015, Colmar, France, July 21-23, 2016, Revised Selected Papers. Springer (In the Series: Advances in Intelligent Systems and Computing).

2016-06 Yilmaz, L., T. **Ören**, G. Madey, M. Sierhuis, and Y. Zhang. (2016). Proceedings of the Symposium on Agent-Directed Simulation, SpringSim'16 - 2016 Spring Simulation Multiconference, Pasadena, CA, USA, April 3-6, 2016, SCS, San Diego, CA.

[2016-07](#) **Ören**, T.I., L. Yilmaz, Y. Zhang, (Guest editors) (2016). Special Section on Agent-Directed Simulation of the International Journal of Modeling, Simulation, and Scientific Computing ([IJMSSC](#)) (of the Chinese Association for System Simulation - CASS) by the World Scientific Publishing Co. China. Volume: 07, Number: 02 (June 2016).

[2016-08](#) Obaidat, M.S., T. **Ören**, Y. Merkurjev, Y (Eds.) (2016). Proceedings of the 6th International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH'16), Lisbon, Portugal, 29-31 July 2016, SciTePress.

[2016-09](#) **Ören**, T.I. (2016). Opening Panel at SIMULTECH'16: "Increasing importance of simulation and rise of simulation-based disciplines." SCS Newsletter, September 2016.

[2016-10](#) **Ören**, T. (2016). Modelleme ve Benzetim (In Turkish: Modeling and Simulation) (Çağrılı Yazı) Milliyet Gazetesi, Sektörel Yayın. 21 Kasım 2016.

2015

[2015-01](#) Obaidat, M.S., S. Koziel, J. Kacprzyk, L. Leifsson, T. **Ören** (Eds.) (2015). Simulation and Modeling Methodologies, Technologies and Applications – International Conference, SIMULTECH 2013, Reykjavik, Iceland, July 29-31, Revised Selected Papers. Springer (In the Series: Advances in Intelligent Systems and Computing), vol. 319. XV, 272 p. 151 illus., 27 illus. in color. e-book: ISBN 978-3-319-11457-6. Softcover: ISBN 978-3-319-11456-9.

- [2015-02](#) **Ören**, T.I. (2015). Türkiye'deki Bilişim Kuruluşları (In Turkish: Informatics Organizations in Turkey) Bilişim, Year: 42, Nb. 175 (April), pp. 57-65.
- 2015-03 Kacprzyk, J., M.S. Obaidat, T. **Ören**. (Eds.) (2015). Proceedings of the 5th International Conference on Simulation and Modeling Methodologies, Technologies and Applications ([SIMULTECH'15](#)). Colmar, Alsace, France, 21-23 July 2015, SciTePress 2015, ISBN 978-989-758-120-5 [[contents](#)].
- [2015-04](#) **Ören**, T.I., L. Yilmaz (2015, Invited article). 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, pp. 3-12. ([presentation](#))
- [2015-05](#) **Ören**, T.I., M. Kazemifard, and F. Noori (2015-[Feature article](#)). Agents with four categories of understanding abilities and their role in two-stage (deep) emotional intelligence simulation. International Journal of Modeling, Simulation, and Scientific Computing ([IJMSSC](#)), vol. 6, issue 3 (September), pp: 1-16, DOI: 10.1142/S1793962315400036.
- [2015-06](#) Yilmaz, L., T. **Ören**, G. Madey, M. Sierhuis, and Y. Zhang. (2015). Proceedings of the Symposium on Agent-Directed Simulation, SpringSim'15 - 2015 Spring Simulation Multiconference, Alexandria, VA, USA, April 12 - 15, 2015, SCSi, San Diego, CA
- [2015-07](#) Yilmaz, L., T. **Ören** (2015 – Guest Editors). Symposium: Sustainable Development and Simulation / Gaming, Simulation & Gaming, December 2015, 46 (6).
- [2015-08](#) **Ören**, T.I. (2015). Türkçe Bilişim Terimleri Sözlükleri, Bilişim, Year: 42, Nb. 176 (May), pp. 102-105.
- 2014**
- [2014-01](#) **Ören**, T.I. (2014-Invited paper). The Richness of Modeling and Simulation and an Index of its Body of Knowledge. (A revised and extended version of the keynote presentation at SIMULTECH'12, Rome, Italy, July 28-31, 2012). In: M.S. Obaidat, J. Filipe, J. Kacprzyk and N. Pina (eds) [Simulation and Modeling Methodologies, Technologies and Applications](#), Advances in Intelligent Systems and Computing, Vol. 256, Springer, pp. 3-24. ([video](#)) (a [review](#))
- [2014-02](#) Kazemifard, M., Ghasem-Aghaee, N., Koenig, B.L. and T.I. **Ören** (2014). An Emotion Understanding Framework for Intelligent Agents based on Episodic and Semantic Memories. Journal of Autonomous Agents and Multi-Agent Systems. January 2014, Volume 28, [Issue 1](#), pp 126-153. (DOI) 10.1007/s10458-012-9214-9
(Prepublication was in 2013 January – 2013-01)
- [2014-03](#) **Ören**, T.I. (2014–Invited review paper). [Coupling Concepts for Simulation: A Systematic and Comprehensive View and Advantages with Declarative Models](#). International Journal of Modeling, Simulation, and Scientific Computing (IJMSSC), vol. 5, issue 2 (June): pp. 1430001- 14300017 (article ID: 1430001), DOI: 10.1142/S17939623143000015 (online version 2014-01-21).
(This article is a revised version of the invited paper presented at the Conference of the Chinese Academy of Engineering (CAE), Wuxi, China, Oct. 12, 2013.)
- 2014-04 **Ören**, T.I. (2014). Bilişimde Yeni Kavramlara Türkçe Terim Önerileri – Giriş (In Turkish: Recommended Turkish Terms for New Concepts in Informatics – Introduction) Bilişim, Year: 42, Nb. 163 (March), pp. [116-119](#).

- Ören, T.I.** (2014). Bilişimde Yeni kavramlar için İngilizce Terimlere Örnekler (In Turkish: Examples of English Terms for New Concepts in Informatics), Bilişim, Year: 42, Nb. 163, pp. [120-124](#).
- [2014-05](#) **Ören, T.I.** (2014). A guidebook for simulation-based design, control, and analysis of complex systems of systems. Review of the book: Guide to Modeling and Simulation of Systems of Systems, by B.P. Zeigler and H.S. Sarjoughian, Springer-Verlag, London, 2013.
- [2014-06](#) **Ören, T.I.** (2014). “Türkçeye Sahip Çıkanlar ve Özen Gösterenler Artıyor” In Turkish) Bilişim, Yıl: 42, sayı 164 (Nisan), s. 140-145.
- [2014-07](#) **Ören, T.** (2014–Invited Chapter). Prof. Dr. Aydın Köksal: Türk Kültürüne Yön Veren Bir Aydınımız (In Turkish). Aydın Köksal: Bilime, Bilişime ve Türkçeye Adanmış Bir Yaşam, Feyziye Özberk (ed.), Kaynak Yayınları, İstanbul, s. 419-423.
- [2014-08](#) **Ören, T.I.** (2014). An Invitation to Modeling and Simulation Organizations to Declare that they Adhere to Ethical Principles. SCS Newsletter, June 2014 issue, pp. 1-3.
- 2014-09 Obaidat, M.S., J. Kacprzyk and T. **Ören** (eds.) (2014). Proceedings of the 4th International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH 2014), August 28-30, Vienna, Austria. Printed in Portugal, ISBN: 978-989-758-038-3. ([abstracts](#)) ([foreword](#))
- [2014-10](#) **Ören, T.I.**, L. Yilmaz and N. Ghasem-Aghaee (2014). A Systematic View of Agent Supported Simulation: Past, Present, and Promising Future. In: Mohammad S. Obaidat, Janusz Kacprzyk and Tuncer Ören (eds.) Proceedings of the 4th International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH’14), Vienna, Austria, 28-30 August, 2014, pp. 497-506. (paper nr: 150). Printed in Portugal, ISBN: 978-989-758-038-3.
- [2014-11](#) Yilmaz, L., T. **Ören**, G. Madey, M. Sierhuis and Yu Zhan (Eds.) (2014). Agent Directed Simulation. Proceedings of the 2014 Symposium on Agent Directed Simulation at the SpringSim’14 – 2014 Spring Simulation Multiconference (SpringSim’14), Tampa, FL, USA — April 13-16, 2014. Simulation Series Volume 46 Number 1 (ISBN: 978-1-62993-946-9), Society for Computer Simulation International (SCS), San Diego, CA, USA.
- [2014-12](#) **Ören, T.I.** (2014). [Foreword](#). D. Gianni, D., A. D’Dambrogio, and A. Tolk (eds.) Modeling and Simulation-based Systems Engineering Handbook. CRC Taylor and Francis. (at [CRC](#))
- 2014-13 **Ören, T.I.**, H. Küçükaras, K. Özer (2014). “Özenli Türkçe Grubu“muz bir yaşında. Bilişim, Yıl 42, Sayı 167 (Temmuz), s. 70-73.
- 2013**
- [2013-01](#) Kazemifard, M., Ghasem-Aghaee, N., Koenig, B.L. and T.I. **Ören** (2013). An Emotion Understanding Framework for Intelligent Agents based on Episodic and Semantic Memories. Journal of Autonomous Agents and Multi-Agent Systems. (DOI) **10.1007/s10458-012-9214-9** ([Online first articles](#)) (not included in the statistics)
- (Published in 2014 January listed as 2014-02)
- [2013-02](#) **Ören, T.** (2013). Bilişim ve Benzetimde Kullanılan Giriş ve Girdi Türleri için Türkçe ve İngilizce Terimler (Glossary of Turkish and English "input" terms used in Informatics and Simulation), Bilişim: Türkiye Bilişim Derneği Dergisi. yıl 41, sayı 150, Ocak 2013, s. 156-167. ([pdf](#))
- [2013-03](#) **Ören, T.I.** (2013). Makine Anlamasının 80'e Yakın Türü: İngilizce-Türkçe ve Türkçe-İngilizce Terimler (Glossary of Turkish and English "Machine Understanding" Terms), Bilişim: Türkiye Bilişim Derneği Dergisi, yıl 41, sayı 152, Mart 2013, s. 134-143. ([pdf](#))

- [2013-04](#) **Ören**, T.I. (2013). Modelleme, Benzetim ve Bilişimde 350 Tür Hata – İngilizce-Türkçe ve Türkçe-İngilizce Terim Dizinleri (Glossary of 350 types of errors; Turkish and English), Bilişim: Türkiye Bilişim Derneği Dergisi, yıl 41, sayı 153, Nisan 2013, s. 166-189. ([pdf](#))
- [2013-05](#) Yılmaz, L., T. **Ören**, Yu Zhan, G. Madey, and M. Sierhuis (Eds.) (2013). Proceedings of the 2013 Symposium on Agent Directed Simulation. Publication of: SpringSim'13 – 2013 Spring Simulation Multiconference, Orlando, FL, USA — April 7-10, 2013, Society for Computer Simulation International (SCS), San Diego, CA, USA.
- 2013-06 Kazemifard, M. and T.I. **Ören** (2013). Toward Agents with Switchable Emotion Understanding Ability. (extended abstract). [ICCS 2013](#) - Fifth International Conference of Cognitive Science, May 7-9, Tehran, Iran. Special Issue, Archives of Iranian Medicine and the ICCS 2013 Abstract Book.
- [2013-07](#) **Ören**, T.I. (2013). Modelleme, Benzetim ve Bilişimde Kullanılan 170 Tür "Değer" (İng. Value): İngilizce-Türkçe ve Türkçe-İngilizce Terim Dizinleri. Bilişim: Türkiye Bilişim Derneği Dergisi, yıl 41, sayı 155, Haziran 2013, s. 204-217. ([pdf](#))
- [2013-08](#) **Ören**, T.I. (2013). Modelleme ve Benzetimin Sivil ve Askeri Alanlarda Artan Önemi. (Increasing importance of modeling and simulation in civilian and military applications.). Bilişim: Türkiye Bilişim Derneği Dergisi, yıl 41, sayı 156, Temmuz 2013, s. 148-156. ([pdf](#))
(Çağrılı açılış konuşması: [USMOS 2013](#) – 5. Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı, Haziran 11-12, 2013, Ankara. ([sunu](#) 7.5MB))
- [2013-09](#) **Ören** T.I., J. Kacprzyk, L. Leifsson, M.S. Obaidat, and S. Koziel, and (eds.) (2013). Proceedings of the 3rd International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH 2013), July 29-31, Reykjavik, Iceland. SciTePress 2013, ISBN 978-989-8565-69-3
- 2013-10 **Ören**, T.I., Kazemifard, M., Yılmaz, L. (2013). Machine understanding and avoidance of misunderstanding in agent-directed simulation and in emotional intelligence. Proceedings of SIMULTECH 2013, 3rd International Conf. on Simulation and Modeling Methodologies, Technologies and Applications. July 29-31, Reykjavik, Iceland. pp. 318-327.
- [2013-11](#) **Ören**, T. (2013- Invited paper). Bilim Dili Olarak Türkçe ve Türkçe Bilinci (Turkish as a Scientific Language and Awareness of Turkish). Anahtar – Bilim, Sanayi ve Teknoloji Bakanlığı Dergisi), Ağustos, s. 22-27.
- [2013-12](#) M&S Career Day at METU Student Chapter, SCS Newsletter, September 2013 issue. News item contributed by Tuncer **Ören**.
- [2013-13](#) **Ören**, T.I. (2013). Çin'deki Benzetim Etkinliklerim. (In Turkish – My Simulation Activities in China). Bilişim: Türkiye Bilişim Derneği Dergisi, yıl 41, sayı 159, Kasım 2013, s. 38-45.
- [2013-14](#) **Ören**, T.I. and L. Yılmaz (2013). Philosophical Aspects of Modeling and Simulation. In: *Ontology, Epistemology, and Teleology of M&S: Philosophical Foundations for Intelligent M&S Applications* (Intelligent Systems Reference Library), A. Tolk (ed.). Springer-Verlag, pp. 157-172. ISBN-10: 3642311393. ([Springer](#)) ([Amazon](#))
- [2013-15](#) Yılmaz, L. and T.I. **Ören** (2013). Toward Replicability-Aware Modeling and Simulation: Changing the Conduct of M&S in the Information Age. In: *Ontology, Epistemology, and Teleology of M&S: Philosophical Foundations for Intelligent M&S Applications* (Intelligent Systems Reference Library), A. Tolk (ed.). Springer-Verlag, pp. 207-226. ISBN-10: 3642311393. ([Springer](#)) ([Amazon](#))

[2013-16](#) **Ören**, T.I. (2013). Bilişimde Türkçenin doğru kullanılmasının anadili, kültür ve ulus olarak varlığımız bakımından yaşamsal önemi var. *Bilişim: Türkiye Bilişim Derneği Dergisi*, yıl 41, sayı 157, Aralık 2013, s. 92-95.

2012

- [2012-01](#) **Ören**, T., and Yilmaz, L. (2012). Synergies of simulation, agents, and systems engineering. *Expert Systems with Applications*, vol. 39, no. 1 (January 2012), pp. 81-88. doi:10.1016/j.eswa.2011.06.038. (Available online 6 July 2011.)
- [2012-02](#) Kazemifard, M., N. Ghasem-Aghaee, and T.I. **Ören** (2012). Emotive and Cognitive Simulations by Agents: Roles of Three Levels of Information Processing. *Cognitive Systems Research*. Vol. 13, issue 1, March 2012, pp. 24-38. doi:10.1016/j.cogsys.2010.10.002 . (pre-publication was listed as of 2010-08)
- [2012-03](#) Merkuryeva, G., J. Bikovska, and T.I. **Ören** (2012). An Agent-Directed Multisimulation Framework for Simulation Games Management. Special issue of the *International Journal of Simulation and Process Modeling (IJSPM)*, vol. 7, no. 3, pp. 184-192.
- [2012-04](#) Chemlal, S. and T. **Ören** (2012). M&S Organizations/Associations (Annex 1). In: *Engineering Principles of Combat Modeling and Distributed Simulation*, Andreas Tolk (ed.) Wiley, pp. 841-850.
- [2012-05](#) **Ören**, T.I. and B.P. Zeigler (2012). System Theoretic Foundations of Modeling and Simulation: A Historic Perspective and the Legacy of A. Wayne Wymore. Special Issue of Simulation – The Transactions of SCS. ([abstract](#)). Vol. 88, issue 9, Sept. 2012, pp. 1033-1046. DOI: 10.1177/0037549712450360
- [2012-06](#) **Ören**, T.I. (2012-Invited Keynote Paper). The Richness of Modeling and Simulation and its Body of Knowledge. Proceedings of SIMULTECH 2012, 2nd International Conference on Simulation and Modeling Methodologies, Technologies and Applications. Rome, Italy, July 28-31, 2012. ([presentation](#)) ([video presentation](#))
- [2012-07](#) BoHu Li, T.I. **Ören**, Qinqing Zhao, Tianyuan Xiao, Zongji Chen, and Guanghong Gong et al. (2012). *Modeling and Simulation Dictionary: Chinese-English, English-Chinese - (over 9000 terms)*, Chinese Science Press, Beijing, P.R. of China. (With the contribution of 30 Chinese colleagues – [contributors](#)) ([front cover](#))
- [2012-08](#) **Ören**, T.I. (2012). Preface. *Modeling and Simulation Dictionary: Chinese-English, English-Chinese - (over 9000 terms)*, Bo Hu Li, T.I. Ören, Qinqing Zhao, Tianyuan Xiao, Zongji Chen, and Guanghong Gong et al. et al., Chinese Science Press, Beijing, P.R. of China.
- [2012-09](#) **Ören**, T.I. (2012). Evolution of the Discontinuity Concept in Modeling and Simulation: From Original Idea to Model Switching, Switchable Understanding, and Beyond. Special Issue of Simulation –The Transactions of SCS. Vol. 88, issue 9, Sept. 2012, pp. 1072-1079. DOI: 10.1177/0037549712458013
- 2012-10 **Ören**, T.I. and L. Yilmaz (2012). Agent-monitored anticipatory multisimulation: A systems engineering approach for threat-management training. Proceedings of EMSS'12 – 24th European Modeling and Simulation Symposium, F. Breiteneker, A. Bruzzone, E. Jimenez, F. Longo, Y. Merkuryev, B. Sokolov (Eds.), September 19-21, 2012, Vienna, Austria, pp. 277-282. ISBN 978-88-97999-01-0 (Paperback), ISBN 978-88-97999-09-6 (PDF).
- [2012-11](#) Yilmaz, L. and T.I. **Ören** (Eds.) (2012). Proceedings of the 2012 Symposium on Agent Directed Simulation. Publication of: [SpringSim'12](#) – 2012 Spring Simulation Multiconference, Orlando, FL, USA — March 26 - 29, 2012, Society for Computer Simulation International ([SCS](#)), San Diego, CA, USA.

- [2012-12](#) Longo, F., Diaz, R. and T.I. **Ören** (Eds.) (2012). Proceedings of the 2012 Symposium on Emerging Applications of M&S in Industry and Academia Symposium. Publication of: [SpringSim'12](#) – 2012 Spring Simulation Multiconference, Orlando, FL, USA — March 26 - 29, 2012, Society for Computer Simulation International ([SCS](#)), San Diego, CA, USA.
- [2012-13](#) **Ören**, T. (2012). Story of a historic picture. SCS M&S Newsletter, [October 2012](#), page 4.
- 2012-14 **Ören**, T. (2012). Değişken Türleri için Türkçe Terimler. (Glossary of terms about types of variables, Bilişim: Türkiye Bilişim Derneği Dergisi. (part 1): yıl 40, sayı 148 (Kasım 2012), s. [216-228](#), ([pdf](#)); (part 2): yıl 40, sayı 149 (Aralık 2012), s. [192-201](#). ([pdf](#))
- [2012-15](#) **Ören**, T. (2012). Forward. Cheng Siong Chin, Computer-Aided Control Systems Design: Practical Applications Using MATLAB® and Simulink®, ISBN 9781466568518, CRC Press, Taylor & Francis Group. Boca Raton, FL, USA. ([Amazon](#)).
- [2012-16](#) Zhang Y., L. Yilmaz, T. **Ören**, G. Madey, and M. Sierhuis (Eds.) (2012). Special Issue on Agent-Directed Simulation – Selected best papers from the 2011 ADS conference, Computational and Mathematical Organization Theory, vol. 18, no. 4, December 2012.
- [2012-17](#) Zhang, Yu, L. Yilmaz, T.I. **Ören**, G. Madey, and M. Sierhuis (Eds.) (2012). “Introduction to the Special Issue on Agent-Directed Simulation,” in Computational and Mathematical Organization Theory (CMOT), vol. 18, no. 4, Dec. 2012, pp. 375-379.
- 2011**
- [2011-01](#) **Ören**, T.I. (2011). A Basis for a Modeling and Simulation Body of Knowledge Index: Professionalism, Stakeholders, Big Picture, and Other BoKs. SCS M&S Magazine, 2:1 (Jan.), pp. 40-48.
- [2011-02](#) Longo, F, Itmi, M., **Ören**, T.I. (2011). SCS M&S (Modeling and Simulation) Newsletter, Vol. 3, Issue: 1 (January), 2 (February), 3 (March), 4 (April), 5 (May), 6 (June).
- [2011-03](#) Kazemifard, M., N. Ghasem-Aghaee, and T.I. **Ören** (2011). Design and Implementation of GEmA: A Generic Emotional Agent. Expert Systems with Applications 38:3 (March 2011) 2640–2652. Online publication complete: 29-Sep-2010 at: <http://dx.doi.org/10.1016/j.eswa.2010.08.054>.
DOI information: 10.1016/j.eswa.2010.08.054
- [2011-04](#) **Ören**, T.I. and L. Yilmaz (2011). Semantic Agents with Understanding Abilities and Factors Affecting Misunderstanding. In: A. Elci, M.T. Traore, and M.A. Örgun (eds.) Semantic Agent Systems: Foundations and Applications, Springer-Verlag. pp. 295-313.
- [2011-05](#) **Ören**, T.I. (2011). The Many Facets of Simulation through a Collection of about 100 Definitions. SCS M&S Magazine, 2:2 (April), pp. 82-92.
- [2011-06](#) Kazemifard, M., N. Ghasem-Aghaee, B. Koenig, and T.I. **Ören** (2011). Toward Effective Emotional Intelligence Simulation: Modeling Understanding Ability for Emotive Agents. Proc. of th International Conference of Cognitive Science (ICCS), 2011 May 10-12, Tehran, Iran, pp. 154 (abstract).
- 2011-07 Yilmaz L., T. **Ören**, and C.A. Hunt (2011). Towards Simulation-based Robust Computational Scientific Discovery Systems. Proc. of the Summer Simulation Conference, pp. 75-81. June 27-30, The Hague, Netherlands.
- [2011-08](#) Zeigler, B.P. and T.I. **Ören** (2011). A. Wayne Wymore: His Legacy to Simulation. SCS M&S Magazine, 2:2 (July), pp. 112-113.
- [2011-09](#) **Ören**, T.I. (2011). A Critical Review of Definitions and About 400 Types of Modeling and Simulation. SCS M&S Magazine, 2:3 (July), pp. 142-151.

- [2011-10](#) News: Lectures on Some Advanced M&S Topics, SCS M&S Newsletter, 3:11 (November).
- [2011-11](#) News: Chinese-English and English-Chinese Modeling and Simulation Dictionary Project, SCS M&S Newsletter, 3:11 (November).
- [2011-12](#) Yilmaz L. and T. **Ören** (Eds.) (2011). The Proceedings of the Agent-Directed Simulation Symposium. 2011 Spring Simulation Multiconference (SpringSim'11). April, 2011. Boston, Massachusetts. [SCS/ACM 2011](#)
- 2010**
- [2010-01](#) Longo, F, Itmi, M., **Ören**, T.I. (2010). SCS M&S (Modeling and Simulation) Newsletter, Vol. 2, Issues: 1-12 (January- December)
- [2010-02](#) **Ören**, T.I. (2010). Simulation and Reality: The Big Picture. (Invited paper for the inaugural issue) International Journal of Modeling, Simulation, and Scientific Computing (IJMSSC) (of the Chinese Association for System Simulation - CASS) by the World Scientific Publishing Co. China, Vol. 1, No. 1, 1-25. DOI: <http://dx.doi.org/10.1142/S1793962310000079>
- 2010-03 Yilmaz L., G. Madey, T. **Ören**, M. Sierhus, and Y. Zhang (Eds.) (2010). The Proceedings of the Agent-Directed Simulation Symposium. Part of the Proceedings of the 2010 International Spring Simulation Multiconference (SpringSim). CD and hard copy.
- 2010-04 **Ören**, T.I. (2010). [Message from the VP Publications of SCS](#), SCS M&S Magazine, April.
- [2010-05](#) Yilmaz, L. and Tuncer **Ören** (2010–Invited paper). Intelligent Agent Technologies for Advancing Simulation-based Systems Engineering via Agent-Directed Simulation. SCS M&S Magazine. SCS M&S Magazine, July.
- 2010-06 **Ören**, T.I. (2010–Invited paper). Synergies of Simulation, Agents, and Systems Engineering. In (Mustafa Güneş, ed.), [Proceedings](#) of the 1st International [Symposium](#) on Computing in Science and Engineering, Kusadasi, Turkey, June 3-5, 2010, Gediz University, Turkey. pp. 33-38.
- [2010-07](#) Yilmaz, L. and Tuncer **Ören** (2010). Agent-Directed Simulation Meeting Series: A Growing Global Community. SCS M&S Newsletter, vol. 1, issue 3 (July 2010).
- [2010-08](#) Kazemifard, M., N. Ghasem-Aghaee, and T.I. **Ören** (2010). Emotive and Cognitive Simulations by Agents: Roles of Three Levels of Information Processing. Cognitive Systems Research. doi:10.1016/j.cogsys.2010.10.002 . [pre publication](#). Available online 20 October 2010.
- 2010-09 Lacy, L.W., Gross, D.C., **Ören**, T., and B. Waite (2010). A Realistic Roadmap for Developing a Modeling and Simulation Body of Knowledge Index. Proceedings of SISO (Simulation Interoperability Standards Organization) Fall SIW (Simulation Interoperability Workshop) Conference, Orlando, FL, September 20-24, 2010.
- [2010-10](#) **Ören**, T.I. and B. Waite (2010). Modeling and Simulation Body of Knowledge Index: An Invitation for the Final Phases of its Preparation. SCS M&S Magazine, 1:4 (Oct).
- 2010-11 Longo, F. and T.I. **Ören**, (2010). Enhancing Quality of Supply Chain Nodes Simulation Studies by Failure Avoidance. In: Proceedings of the [EMSS 2010](#)- 22th European Modeling and Simulation Symposium (within the [IMMM-7](#) - The 7th International Mediterranean and Latin American Modeling Multi-conference), October 13-15, Fes, Morocco, pp. 201-208.
- 2010-12 Zhang, Y., [Levent Yilmaz](#), Tuncer **Ören**, Gregory Madey, and [Maarten Sierhuis \(eds.\)](#) (2010). “Introduction to the Special Issue on Agent-Directed Simulation,” The International Journal of Agent Technologies and Systems ([IJATS](#)) by IGI Publishing, vol. 2, no. 3, pp. i-iii. July-September 2010.

- 2010-13 **Ören, T.I.** (2010). Selected Books by Tuncer Ören. In: Authors from Galatasaray Lisesi ([Galatasaray Liseli Yazarlar](#) – in Turkish). (Oktay Aras, ed.). Istanbul, Turkey.

2000s

2009

- 2009-01 **Ören, T.I.** (2009). Uses of Simulation. Chapter 7 in: Principles of Modeling and Simulation: A Multidisciplinary Approach, by John A. Sokolowski and Catherine M. Banks (eds.) (All Chapters by Invited Contributors). John Wiley, New Jersey. pp. 153-179.
- 2009-02 Zhang, Y., T.I. **Ören**, L. Yilmaz, G. Madey, and M. Sierhuis (eds.) (2009). Special Issue on Agent-Directed Simulation, The International Journal of Intelligent Control and Systems (IJICS) [Vol. 14, Nb. 1](#), March 2009 (<http://www.ijics.org/>).
- 2009-03 Zhang, Y., T.I. **Ören**, L. Yilmaz, G. Madey, and M. Sierhuis (eds.) (2009). [Guest Editorial](#): Introduction to the Special Issue on Agent-Directed Simulation, The International Journal of Intelligent Control and Systems (IJICS), Vol. 14, Nb. 1, March 2009, 1-3.
- 2009-04 **Ören, T.I.** and L. Yilmaz (2009). [On the Synergy of Simulation and Agents: An Innovation Paradigm Perspective](#). Special Issue on Agent-Directed Simulation. The International Journal of Intelligent Control and Systems (IJICS), Vol. 14, Nb. 1, March 2009, 4-19.
- 2009-05 Yilmaz L. and T. I. **Ören** (2009). Rethinking M&S to Enhance Creativity and Computational Discovery. In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference (SCSC'09) of 2009 International Simulation Multiconference, pp. 66-74. Istanbul, Turkey, July 13-16, 2009.
- 2009-06 Kazemifard, M., N. Ghasem-Aghaee, and T.I. **Ören** (2009). [Agents with Ability to Understand Emotions](#). In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA, pp. 254-260. ([at ResearchGate](#))
- 2009-07 Ghasem-Aghaee, N., B. Khalesi, M. Kazemifard, and T.I. **Ören** (2009). Anger and Aggressive Behavior in Agent Simulation. In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA, pp. 267-274.
- 2009-08 **Ören, T.I.**, L. Yilmaz, M. Kazemifard, and N. Ghasem-Aghaee (2009). [Multi-understanding: A Basis for Switchable Understanding for Agents](#). In: Simulation Series, vol. 41, no. 3, Proceedings of the Summer Computer Simulation Conference, pp. 395-402 July 13-16, 2009, Istanbul, Turkey. SCS, Dan Diego, CA.
- 2009-09 PoorMohamadBagher, L., M. Kaedi, N. Ghasem-Aghaee, and T.I. **Ören** (2009). Anger Evaluation for Fuzzy Agents with Dynamic Personality. In: Mathematical and Computer Modelling of Dynamical Systems (MCMDS), Vol. 15, issue 6, Dec., pp. 535-553. (DOI: 10.1080/13873950903139585. [First Published on](#): 21 August 2009.)
- 2009-10 Yilmaz, L. and T.I. **Ören** (eds.) (2009-All Chapters by Invited Contributors). [Agent-Directed Simulation and Systems Engineering](#). Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany. 520 p. ([table of contents](#)) ([at Google](#)) (also as an [e-book](#))
- 2009-11 Yilmaz, L., T.I. **Ören** (2009). Preface. In L. Yilmaz and T.I. **Ören** (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany.

- 2009-12 **Ören**, T.I. (2009). [Modeling and Simulation: A Comprehensive and Integrative View](#). In L. Yilmaz and T.I. **Ören** (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany, pp. 3-36.
- 2009-13 Yilmaz, L., T.I. **Ören** (2009). Agent-Directed Simulation (ADS). In L. Yilmaz and T.I. **Ören** (eds.). Agent-Directed Simulation and Systems Engineering. Wiley Series in Systems Engineering and Management, Wiley-Berlin, Germany, pp. 111-143.
- 2009-14 **Ören**, T.I. and L. Yilmaz (2009). [Failure Avoidance](#) in Agent-Directed Simulation: Beyond Conventional V&V and QA. In L. Yilmaz and T.I. **Ören** (eds.). Agent-Directed Simulation and Systems Engineering. Systems Engineering Series, Wiley-Berlin, Germany, pp. 189-217.
- 2009-15 Merkuryeva, G., J. Bikovska, and T.I. **Ören** (2009). An Agent-Directed Multisimulation Framework for Management Simulation Games. Proceedings of the I3M 2009 MultiConference. (21st European Modeling and Simulation Symposium.) 2009 September 23-25, Puerto de la Cruz, Tenerife, Canary Island, Spain, pp. 14-21.
- 2009-16 Longo, F, Itmi, M., **Ören**, T.I. (2009). SCS M&S (Modeling and Simulation) Newsletter, Vol. 1, [Issue 1](#), November 2009; [Issue 2](#), December 2009.
- 2009-17 Longo, F, Itmi, M., **Ören**, T.I. (2009). [Message from the Editors-in-Chief](#). SCS M&S (Modeling and Simulation) Newsletter, Vol. 1, [Issue 1](#), November 2009.
- 2009-18 **Ören**, T.I. (2009). Cumulative [Index](#) of the SCS M&S Newsletter.
- 2009-19 Wainer, G., Chinni, M., **Ören**, T., Tolk, A. (eds.) (2009). Proceedings of the Spring Simulation MultiConference: ADS, BIS, MSE, MSEng (SpringSim'09), SCS Simulation Series, vol. 41, nb. 1, SCS, San Diego.
- 2009-20 Yilmaz L., G. Madey, T. **Ören**, M. Sierhus, and Y. Zhang (Eds.) (2009). The Proceedings of the Agent-Directed Simulation Symposium. Part of the Proceedings of the 2009 International Spring Simulation Multiconference (SpringSim).
- 2008**
- 2008-01 **Yilmaz** L., G. Madey, T. **Ören**, and M. Sierhus (Eds.) (2008). The Proceedings of the Agent-Directed Simulation Symposium. Part of the Proceedings of the 2008 International Spring Simulation Multiconference (SpringSim). Sponsored by SCS –The Society for Modeling and Simulation International. Co- sponsored by ACM, M&SNet – McLeod Modeling and Simulation Network of the SCS, SCS Press. [cover](#), [content](#); ADSS: [Scientific Committee](#), [Table of Contents](#)
- 2008-02 **Ören**, T.I. et al. (2008). [Preface](#), Agent-directed Simulation Symposium (ADSS) part of the Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM.
- 2008-03 Mazadi, Z., Ghasem-Aghaee, N., and T.I. **Ören** (2008). [Prelude to Cultural Software Agents: Cultural Backgrounds in Agent Simulation](#). Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM, pp. 135-142.
- 2008-04 Yilmaz, L., T.I. **Ören** and P. Thavikulwat (eds.) (2008). Special Issue of the Journal: [Simulation & Gaming](#). Volume 39, Issue 1 (March 2008). ([Table of Contents](#))
- 2008-05 Yilmaz, L., T.I. **Ören** and P. Thavikulwat (2008). Editorial: [Artificial Intelligence and Simulation](#). Special Issue of the Journal: [Simulation & Gaming](#). Volume 39, Issue 1 (March 2008), pp. 7-9. ([ACM Portal](#)) ([SAGE Journals Online](#))

- 2008-06 Longo, F. and T.I. **Ören**, (2008). [Supply Chain Vulnerability and Resilience: A State of the Art Overview](#). Proceedings of the [EMSS 2008](#)- 20th European Modeling and Simulation Symposium; A. Bruzzone, F. Longo, M. Piera-R. Aguilar, C. Frydman (eds.), vol. I, p. 527-533, ISBN/ISSN: 978-88-903724-0-7 (Part of the [IMMM-5](#) - The 5th International Mediterranean and Latin American Modeling Multiconference), September 17-19, 2008, Campora San Giovanni, Italy, ([presentation](#))
- 2008-07 **Ören**, T.I. and F. Longo (2008). [Emergence, Anticipation and Multisimulation: Bases for Conflict Simulation](#). Proceedings of the [EMSS 2008](#)- 20th European Modeling and Simulation Symposium; A. Bruzzone, F. Longo, M. Piera-R. Aguilar, C. Frydman (eds.), vol. I, p. 546-555, ISBN/ISSN: 978-88-903724-0-7 (Part of the [IMMM-5](#) - The 5th International Mediterranean and Latin American Modeling Multiconference), September 14-17, 2008, Campora San Giovanni, Italy. ([presentation](#))
- 2008-08 **Ören**, T.I. (2008). A Framework for Desirable Activities and Research in M&S. Part of the Position Statements for the Panel Discussion: L. Yilmaz, P. Davis, P.A. Fishwick, H. Xiaolin, J.A. Miller, M. Hybinette, T.I. **Ören**, P. Reynolds, H. Sarjoughian, A. Tolk: [What Makes Good Research in Modeling and Simulation: Sustaining the Growth and Vitality of the M&S Discipline](#). Proceedings of the Winter Simulation Conference 2008, pp. 677-688.
- 2008-09 Ghasem-Aghaee, N., S. Fatahi, and T.I. **Ören** (2008). [Agents with personality and emotional filters for an e-learning environment](#). Proceedings of the Spring Simulation MultiConference, Ottawa, ON, Canada, April 14-17, 2008. SCS, San Diego, CA in collaboration with ACM/SIGSIM. Article No. 5.
- 2007**
- 2007-01 **Ören**, T.I., Ghasem-Aghaee, N., and L. Yilmaz (2007). [An Ontology-Based Dictionary of Understanding as a Basis for Software Agents with Understanding Abilities](#). Proceedings of the Spring Simulation Multiconference ([SpringSim'07](#)). Norfolk, VA, March 25-29, 2007, pp. 19-27. (ISBN: 1-56555-313-6) ([presentation](#))
- 2007-02 Ades, M., M.J. Chinni, J. Nutaro, T. **Ören**, H. Rejaei, and L. Watson (eds.) Proceedings of the 2007 Spring Simulation Multiconference ([SpringSim'07](#)). Vol. 1, (Agent-Directed Simulation Symposium, DEVS Integrative M&S Symposium, High-Performance Computing Symposium). Norfolk, VA, March 25-29, 2007. (ISBN: 1-56555-313-6)
- 2007-03 **Ören**, T.I, G.R. Madey, M. Sierhuis, and L. Yilmaz. [Front material](#) (including: Table of Content, Preface, Program Committee). ADS'07 (Agent-directed Simulation) Symposium. in: Proceedings of the 2007 Spring Simulation Multiconference ([SpringSim'07](#)). Norfolk, VA, March 25-29, 2007. (ISBN: 1-56555-313-6)
- 2007-04 Ghasem-Aghaee, N., L. PoorMohammadBagher, M. Kaedi, and T.I. **Ören**, (2007). Anger Filter in Agent Simulation of Human Behavior, ([at ACM Portal](#)) Proc. of the 18th IASTED International Conference on Modelling and Simulation, May 30 - June 1, 2007, Montreal, Quebec, Canada, pp. 44-46.
- 2007-05 Yilmaz L. and T. I. **Ören** (2007- Invited paper). On Multiresolution Simulation Modeling of Team and Human Behavior for Software Process Design," in Proceedings of the Tenth World Congress On Integrated Design & Process Technology ([IDPT](#)), pp. 210-219, Antalya, Turkey, June 3-8, 2007.
- 2007-06 Ghasem-Aghaee, N. and T.I. **Ören**, (2007). [Cognitive Complexity and Dynamic Personality in Agent Simulation](#), *Computers in Human Behavior* (Elsevier), Volume 23, Issue 6 (November 2007), pp. 2983 - 2997. doi: 10.1016/j.chb.2006.08.012.

- 2007-07 **Ören**, T.I. (2007). [The Importance of a Comprehensive and Integrative View of Modeling and Simulation](#). Proceedings of the Summer Simulation Conference. San Diego, CA, July 15-18, 2007. ([presentation](#))
- 2007-08 Yilmaz, L. and **Ören**, T.I. (2007). [Agent-directed Simulation Systems Engineering](#). Proc. of the Summer Simulation Conference, pp. 897-904. San Diego, CA, July 15-18, 2007.
- 2007-09 **Ören**, T.I. (2007). Reliability in Agent-Directed Simulation. Proceedings of the EMSS 2007 - 19th European Modelling and Simulation Symposium. Bergeggi, Italy, October, 4-6, 2007, pp. 78-86.
- 2007-10 Yilmaz, L., A. Lim, S. Bowen, and T.I. **Ören** (2007). [Requirements and Design Principles for Multisimulation with Multiresolution, Multistage Multimodels](#). Proceedings of the 2007 Winter Simulation Conference, pp. 823-832, December 9-12, Washington, D.C.
- 2007-11 Kilan, K. and T.I. **Ören** (2007 - an Interview by Prof. Kilan). [Bilişimde Özenli Türkçenin Yaşamsal Önemi](#). Bilişim (Journal of Turkish Informatics Society), September, pp. 32-35. ([presentation](#)).
- 2007-12 Yilmaz L., G. Madey, T. **Ören**, and M. Sierhus (Eds.) (2007). The Proceedings of the Agent-Directed Simulation Symposium. Part of the Proceedings of the 2007 International Spring Simulation Multiconference (SpringSim). Sponsored by SCS –The Society for Modeling and Simulation International. Co- sponsored by ACM, M&SNet – McLeod Modeling and Simulation Network of the SCS, SCS Press.
- 2006**
- 2006-01 **Ören**, T.I. and The French Team: Lucile Torres (coordinator), Frédéric Amblard, Jean-Pierre Belaud, Jean Caussanel, Olivier Dalle, Raphaël Duboz, Alain Ferrarini, Claudia Frydman, El-Amine Maâmar Hamri, David Hill, Aziz Naamane, Pierre Siron, Erwan Tranvouez, Gregory Zacharewicz. *Modeling and Simulation Dictionary: English-French-Turkish*. Marseille, France. With the support of Centre Nationale de La Recherche Scientifique, I3, Université Paul Cézanne - Aix-Marseille III, LSIS (300 pp). ISBN: 2-9524747-0-2. ([cover](#))
- 2006-02 **Ören**, T.I., T. Üney, and R. Colkesen (Eds.-in-Chief) (2006). Informatics Encyclopedia of Turkey (In Turkish: [Bilisim Ansiklopedisi](#)), Papatya Yayıncılık, İstanbul, Turkey (1186 pp).
- 2006-03 **Ören**, T.I. (2006). Systems with Understanding Ability. (In Turkish: [Anlama Yetenekli Dizgeler \(terimler\)](#)) In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, İstanbul, Turkey, p. 91-95.
- 2006-04 **Ören**, T.I. (2006). Simulation: Fundamental Concepts and Advancements. (In Turkish: [Benzetim Temel Kavramlar ve İlerlemeler \(terimler\)](#)) In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, İstanbul, Turkey, 144-149.
- 2006-05 **Ören**, T.I. (2006). The Importance of Proper Use of Turkish in Informatics. (In Turkish: Bilisimde Özenli Türkçenin Önemi). In: Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, İstanbul, Turkey, p. 254-262.
- Also published (2005) in: The Journal of Informatics and Computer Engineering of the Turkish Informatics Foundation, (In Turkish: [Bilişim ve Bilgisayar Mühendisliği Dergisi](#)), vol. 1, nb. 1, p. 1-10.
- 2006-06 Huntsinger, R., H., Vakilzadian, and T.I. **Ören** (eds.) Proceedings of the 2006 International Conference on Modeling and Simulation - Methodology, Tools, Software Applications (M&S MTSA), July 31 - August 2, 2006, Calgary, AL, Canada. Sponsored by the Society

for Modeling and Simulation International, In cooperation with IEEE, Calgary Section & University of Calgary (225 p). ISBN: 1-56555-309-8.

- 2006-07 **Ören**, T.I. and L. Yilmaz (2006). Synergy of Systems Engineering and Modeling and Simulation. Proceedings of the 2006 International Conference on Modeling and Simulation - Methodology, Tools, Software Applications (M&S MTSA), pp. 10-17. July 31 - August 2, 2006, Calgary, AL, Canada. (presentation)
- 2006-08 Kazemifard, M., Ghasem-Aghaee, N., and T.I. **Ören** (2006). An Event-based Implementation of Emotional Agents. Proc. Summer Simulation Conference, Calgary, Canada, pp. 63-67.
- 2006-09 Saple, A., L. Yilmaz, and T.I. **Ören** (2006). On the Performance of Reactive and Anticipatory Fault Management Agents in Adaptive Networks. Proc. Summer Simulation Conference, pp. 11-18, July 29 - Aug. 2, 2006, Calgary, Canada.
- 2006-10 **Ören**, T.I. (2006). [Review](#) of the book: "Developing Serious Games" by B. Bergeron, Charles River Media, Inc., Rockland, MA, 2005, 464 p. ACM Computing Reviews Review #: CR13299, June 2006.
- 2006-11 Yilmaz, L., T.I. **Ören**, and N. Ghasem-Aghaee (2006). Intelligent Agents, Simulation, and Gaming. *Simulation and Gaming Journal*, 2006, vol. 37, issue 3, pp. 339-349. DOI (Digital Object Identifier): 10.1177/1046878106289089. ([ACM Portal](#))
- 2006-12 **Ören**, T.I. (2006). Body of Knowledge of Modeling and Simulation (M&SBOK): Pragmatic Aspects. EMSS 2006 - 2nd European Modeling and Simulation Symposium, ISBN: 84-690-0726-2, pp. 327-336. 2006 October 4-6, Barcelona, Spain. (presentation)
- 2006-13 Yilmaz, L. and T.I. **Ören** (2006). Prospective Issues in Simulation Model Composability: Basic Concepts to Advance Theory, Methodology, and Technology, The MSIAC's M&S Journal Online, 2006, Vol. 2, pp. 1-7.
- 2006-14 Yilmaz, L., T.I. **Ören**, and N. Ghasem-Aghaee (2006). [Simulation-Based Problem Solving Environments for Conflict Studies](#). *Simulation, and Gaming Journal*. vol. 37, issue 4, pp. 534-556. DOI (Digital Object Identifier): 10.1177/1046878106292537.
- 2006-15 Ghasem-Aghaee, N., M. Kaedi, L. PoorMohamadBagher, and T.I. **Ören** (2006). Personality and Emotions in Agent Simulation: Fuzzy Rules and an Implementation. Research in Interactive Design – vol. 2, D. Coutellier and X. Fisher (eds.) Proceedings of Virtual Concept 2006, Playa Del Carmen, Mexico, Nov. 26 - Dec. 1, Springer-Verlag.
- The following two are autobiographical publications prepared for the fiftieth anniversary of the graduation of the class of 1955 from my alma mater high school Galatasaray Lisesi (founded in 1481 in Istanbul, Turkey)*
- 2006-16 **Ören**, T.I. (2006). My Friends from Galatasaray (In Turkish: Galatasaraylı Dostlarım). In: Galatasaray Lisesi 1955'lilerin 50. Yılı Kitabı, Istanbul, pp. 103-104.
- 2006-17 **Ören**, T.I. (2006) Autobiography (In Turkish. In: Galatasaray Lisesi 1955'lilerin 50. Yılı Kitabı Istanbul, pp. 342-345.
- 2006-18 Yilmaz L., G. Madey, T. **Ören**, and M. Sierhus (Eds.) (2006). The Proceedings of the Agent-Directed Simulation Symposium. Part of the Proceedings of the 2006 International Spring Simulation Multiconference (SpringSim). Sponsored by SCS –The Society for Modeling and Simulation International. Co- sponsored by ACM, M&SNet – McLeod Modeling and Simulation Network of the SCS, SCS Press.

2005

- 2005-01 **Ören**, T.I. and L. Yilmaz (2005). [Quality Principles for the Ergonomics of Human-Computer Interfaces of Modeling and Simulation Software](#), Proceedings of SIMCHI'05 - 2005

- International Conference on Human-Computer Interface Advances for Modeling and Simulation, pp. 5-11. January 23 - 25, 2005, New Orleans, Louisiana. (presentation)
- 2005-02 Santoni, C, J.M. Mercantini, M.F.Q.V. Turnell and T.I. **Ören** (2005). Improving System Safety Trough Agent-Supported User/System Interfaces: Effects of Operator Behavior Model and Quality Criteria. Agent-Directed Simulation Symposium of the Spring Simulation Multiconference (SMC'05), San Diego, CA, April 2005, pp. 86-93. ([presentation](#))
- 2005-03 Yilmaz, L. and T.I. **Ören** (2005). Discrete-Event Multimodels and their Agent-Supported Activation and Update. In Proceedings of the Agent-Directed Simulation Symposium of the Spring Simulation Multiconference (SMC'05), pp. 63-70, San Diego, CA, April 2005, pp. 63-70. (presentation)
- 2005-04 **Ören**, T.I. (2005). Review of the article: "A taxonomy of computer-based simulations and its mapping to parallel and distributed systems simulation tools" by Sulistio, A., Yeo, C., Buyya, R., Software-Practice & Experience, 34(7): 653-673, 2004. ACM Computing Reviews, February 2005 issue.
- 2005-05 Yilmaz, L. and T.I. **Ören** (2005). Prospective Issues in Simulation Model Composability: Basic Concepts to Advance Theory, Methodology, and Technology, The MSIAC's M&S Journal Online, Spring 2005. (see also: 2006-13)
- 2005-06 Seck, M., C. Frydman, N. Giambiasi, T.I. **Ören**, and L. Yilmaz (2005). [Use of a Dynamic Personality Filter in Discrete Event Simulation of Human Behavior under Stress and Fatigue](#). 1st International Conference on [Augmented Cognition](#), July 22-27, 2005, Las Vegas, Nevada.
- 2005-07 **Ören**, T.I. (2005). Review of the article: "Model Mapping Using Formalism Extension" by Coplat, G., Sourrouille, J-L., IEEE Software, 22(2): 44-51. ACM Computing Reviews, September 2005. Review no. CR131733.
- 2005-08 Yilmaz, L. and T.I. **Ören** (Eds.). (2005). Special Issue on "Agent-Directed Simulation" of the Transactions of the Society for Modeling and Simulation International. Vol. 81, issue 7, July 2005.
- 2005-09 Yilmaz, L. and T.I. **Ören** (Eds.). (2005). Editorial: Introduction to Agent-Directed Simulation, Special Issue on Agent-Directed Simulation, Transactions of the Society for Modeling and Simulation International. Vol. 81, issue 7, July 2005, pp. 463-464.
- 2005-10 Güven, İ. and T.I. **Ören** (2005). Simulation in Science Education (In Turkish: Fen Eğitiminde Benzetim. IETC 2005 - Vth International Educational Technologies Conference, Sakarya, Turkey, Sept. 21-23, 2005
- 2005-11 Ghasem-Aghae, N., Kaedi, M., T.I. **Ören** (2005). [Effects of Cognitive Complexity in Agent Simulation: Fuzzy Rules and an Implementation](#). In: Proceedings of: [CM&SC](#) - Conceptual Modeling and Simulation Conference 2005, within [I3M'2005](#) - International Mediterranean Multiconference, October 20-22, 2005, Marseille, France, SCS, San Diego, CA. ([presentation](#))
- 2005-12 **Ören**, T.I. (2005 – Invited Keynote Article). [Maturing Phase of the Modeling and Simulation Discipline](#). In: Proceedings of: ASC - Asian Simulation Conference 2005 (The Sixth International Conference on System Simulation and Scientific Computing (ICSC'2005), 2005 October 24-27, Beijing, P.R. China, International Academic Publishers - World Publishing Corporation, Beijing, P.R. China, pp. 72-85. ([presentation](#))
- 2005-13 **Ören**, T.I. (2005 - Invited Tutorial). [Toward the Body of Knowledge of Modeling and Simulation](#) (M&SBOK), In: Proc. of I/ITSEC (Interservice/Industry Training, Simulation Conference). Nov. 28 - Dec. 1, Orlando, Florida; paper 2025, pp. 1-19. (presentation)

- 2005-14 **Ören**, T.I. (2005 - Invited Tutorial). Ethics in Modeling and Simulation (SimEthics). In: Proc. of I/ITSEC (Interservice/Industry Training, Simulation Conference). Nov. 28 - Dec. 1, Orlando, Florida; paper 2026, pp. 1-6. (presentation) (1.5MB)
- 2005-15 **Ören**, T.I. (2005). The Importance of Proper Use of Turkish in Informatics. (In Turkish: [Bilişimde Özenli Türkçenin Önemi](#)). The Journal of Informatics and Computer Engineering of the Turkish Informatics Foundation, (In Turkish: [Türkiye Bilişim Vakfı Bilişim ve Bilgisayar Bilimleri ve Mühendisliği Dergisi](#)), vol. 1, nb. 1. Also in Informatics Encyclopedia of Turkey (In Turkish: Türkiye Bilisim Ansiklopedisi), Papatya Yayıncılık, Istanbul, Turkey.
- The following autobiographical publication is prepared for the fiftieth anniversary of the graduation of the class of 1955 from my high school Galatasaray Lisesi (founded in 1481 in Istanbul, Turkey)*
- 2005-16 **Ören**, T.I. (2005). Friends were mature even then (In Turkish: Dostlar Eskiden de Olgundu). Special 50th Anniversary Issue of Le Tambour, p. 6.
- 2004**
- 2004-01 **Ören**, T.I. (2004). Review of the article: "A conceptual model completely independent of the implementation paradigm" by Dieste O., Genero M., Juristo N., Maté J., Moreno A., Journal of Systems and Software 68(3): 183-198, 2003. ACM Computing Reviews, February 2004 issue.
- 2004-02 **Ören**, T.I. (2004). Review of the article: "Further towards a taxonomy of agent-based simulation models in environmental management" by Hare M. and Deadman P. Mathematics and Computers in Simulation 64(1): 25-40, 2004. ACM Computing Reviews, May 2004 issue.
- 2004-03 Ghasem-Aghaee, N. and **Ören**, T.I. (2004). [Effects of Cognitive Complexity in Agent Simulation: Basics](#), Proceedings of [SCSC 2004](#) - Summer Computer Simulation Conference, July 25-29, 2004, San Jose, CA., pp. 15-19. ([presentation](#)). ([at SCS digital library](#))
- 2004-04 Yilmaz, L. and **Ören**, T.I. (2004). Dynamic Model Updating in Simulation with Multimodels: A Taxonomy and a Generic Agent-Based Architecture, Proceedings of SCSC 2004 - Summer Computer Simulation Conference, pp. 3-8. July 25-29, 2004, San Jose, CA.. (presentation) (at SCS digital library)
- 2004-05 Yilmaz, L. and **Ören**, T.I. (2004). A Conceptual Model for Reusable Simulations within a Model-Simulator-Context Framework, Proceedings of CMS 2004 - Conference on Conceptual Modeling and Simulation (Part of the I3M - International Mediterranean Modeling Multiconference), pp. 235-241. October 28-31, 2004, Genoa, Italy.
- 2004-06 Yilmaz, L. and **Ören**, T.I. (2004). Prospective Issues in Simulation Model Composability: Basic Concepts to Advance Theory, Methodology, and Technology. The MSIAC's M&S Journal online, Fall 2004, vol. 6, no. 1, December 2004.
- 2004-07 **Ören**, T.I. and L. Yilmaz (2004). [Behavioral Anticipation in Agent Simulation](#), Proceedings of [WSC 2004](#) - Winter Simulation Conference, pp. 801-806. Washington, D.C., December 5-8, 2004. ([presentation](#))
- 2004-08 Yilmaz, L. and **Ören**, T.I. (2004). [Exploring Agent-Supported Simulation Brokering on the Semantic Web: Foundations for a Dynamic Composability Approach](#), WSC 2004 - Winter Simulation Conference, pp. 766-773. Washington, D.C., December 5-8, 2004. (presentation) (abstract)

- 2004-09 **Ören**, T.I. (2004). Review of the article: "Properties of hybrid systems--a computer science perspective" by T. Stauner. *Formal Methods in System Design* 24(3): 223-259, 2004. *ACM Computing Reviews*, Date reviewed: Dec. 13, 2004.
- 2004-10 Zeigler, B.P., C.A. Hunt, and T.I. **Ören** (2004). The M&SNet Consortium Develops its First Multi-Institution Proposal: Multiscale M&S of Biological Systems. *M&S Magazine*, SCS.
- 2004-11 Yilmaz, L. and **Ören**, T.I. (2004). Towards Simulation-based, Problem Solving Environments for Conflict Management in Computational Social Science, Proceedings of [Agent 2003](#) - The Agent 2003 Conference on Challenges in Social Simulation, Chicago, Illinois, October, 2-4, 2003, pp. 25-37.

2003

- 2003-01 **Ören**, T.I. and Ghasem-Aghaee, N. (2003). [Personality Representation Processable in Fuzzy Logic for Human Behavior Simulation](#), Proceedings of the 2003 Summer Computer Simulation Conference, Montreal, PQ, Canada, July 20-24, 2003, pp. 11-18. ([presentation](#)) ([at SCS digital library](#))
- 2003-02 Ghasem-Aghaee, N. and **Ören**, T.I. (2003). [Towards Fuzzy Agents with Dynamic Personality for Human Behavior Simulation](#), Proceedings of the 2003 Summer Computer Simulation Conference, Montreal, PQ, Canada, July 20-24, 2003, 3-10. ([presentation](#)) ([at SCS digital library](#))
- 2003-03 **Ören**, T.I. (2003). Review of the article: "Automatic Simulation Model Generation for Simulation-based, Real-time Shop Floor Control" by Young Jun Son and Richard A. Wysk, *Computers in Industry* 45 (3): 291-308, Jan 2001. *ACM Computing Reviews*, January 2003 issue.
- 2003-04 **Ören**, T.I. (2003). Review of the article: " Incremental Requirement Specification for Evolving Systems" by Jonsson B., Margaria T., Naeser G., Nyström J., Steffen B., *Nordic Journal of Computing* 8(1): 65-87, March 2001. *ACM Computing Reviews*, August 2003 issue.
- 2003-05 **Ören**, T.I. (2003). Review of the article: "Model-Based Diagnosis or Reasoning from First Principles" by Peischl, B. and Wotawa, F., *IEEE Intelligent Systems* 18(3): 32-37, May-June 2003. *ACM Computing Reviews*, November 2003.
- 2003-06 **Ören**, T.I. (2003). Review of the article: "The Möbius State-level Abstract Functional Interface" by Derisavi, S., Kemper, P., Sanders W., and Courtney, T., *Performance Evaluation* 54(2): 105-128, 2003. *ACM Computing Reviews*, December 2003 issue.

2002

- 2002-01 **Ören**, T.I. (2002 - Invited Plenary Paper). Ethics as a Basis for Sustainable Civilized Behavior for Humans and Software Agents. *Acta Systemica*, 2:1, 1-5. Also published in the Proceedings of the InterSymp 2002 - The 14th International Conference on Systems Research, Informatics and Cybernetics of the IIAS, July 29 - August 3, Baden-Baden, Germany. (presentation)
- 2002-02 **Ören**, T.I. (2002 - Invited Paper). In Search of a Value System for Sustainable Civilization: Ethics and Quality. Special Focus Symposium (within InterSymp 2002) on: Cognitive, Emotive and Ethical Aspects of Decision Making and Human Actions, August 1-2, Baden-Baden, Germany, pp. 69-72. (presentation).
- 2002-03 **Ören**, T.I. (2002 - Invited Paper). [SCS and Simulation: Fifty Years of Progress](#), 50th Anniversary Issue, *Modeling and Simulation*, 1:3 (July-September), 32-33.

- 2002-04 **Ören**, T.I., M.S. Elzas, I. Smit, and L.G. Birta (2002). [Code of Professional Ethics for Simulationists](#). Proceedings of the 2002 Summer Computer Simulation Conference, pp. 434-435. (presentation). (at SCS digital library)
- 2002-05 **Ören**, T.I. (2002). [Rationale for A Code of Professional Ethics for Simulationists](#). Proceedings of the 2002 Summer Computer Simulation Conference, pp. 428-433. (presentation).
- 2002-06 **Ören**, T.I. (2002). [Future of Modelling and Simulation: Some Development Areas](#). Proceedings of the 2002 Summer Computer Simulation Conference, pp. 3-8. (presentation). (at SCS digital library)
- 2002-07 **Ören**, T.I. (2002 - Invited Plenary Paper). Growing Importance of Modelling and Simulation: Professional and Ethical Implications. Proceedings of the Asian Simulation Conference / the 5th International Conference on System Simulation and Scientific Computing, Cheng, Zongji et al., eds., Nov. 3-6, 2002, Shanghai, China. International Academic Publishers / Beijing World Publishing Corp. Vol.1, pp. 22-26. (presentation).
- 2002-08 **Ören**, T.I. (2002). Review of the article: "Introducing X-machine models to verify PLC ladder diagrams" by Colin Chambers, Mike Holcombe, and Judith Barnard. Computers in Industry 45(3): 277-290, 2001. ACM Computing Reviews, August 2002
- 2001**
- 2001-01 **Ören**, T.I. (2001 – Invited contribution). Towards a Modelling Formalism for Conflict Management. In: Discrete Event Modeling and Simulation: A Tapestry of Systems and AI-based Theories and Methodologies. H.S. Sarjoughian and F.E. Cellier (eds.), Springer-Verlag, New York, pp. 93-106. (presentation).
- [2001-02](#) **Ören**, T.I. (2001). Advances in Computer and Information Sciences: From Abacus to Holonic Agents. Special Issue on Artificial Intelligence of Elektrik (Turkish Journal of Electrical Engineering and Computer Sciences - Published by TUBITAK - Turkish Science and Technical Council), 9:1, 63-70. (presentation).
- 2001-03 **Ören**, T.I. (2001 - Invited Paper). [Software Agents for Experimental Design in Advanced Simulation Environments](#). In: S.M. Ermakov, Yu.N. Kashtanov, and V.Melas (eds.) Proc. of the 4th St. Petersburg Workshop on Simulation, June 18-23, 2001, pp. 89-95. (presentation).
- 2001-04 **Ören**, T.I. (2001 – Invited Paper). [Impact of Data on Simulation: From Early Practices to Federated and Agent-Directed Simulations](#). In: A. Heemink et al. (eds.) Proc. of EUROSIM 2001, June 26-29, 2001, Delft, the Netherlands. ([presentation](#)).
- 2001-05 **Ören**, T.I. (ed.) (2001). [Software Agents and Simulation](#). Special Issue of Simulation Journal. Vol. 76, No. 6 (June), p. 328.
- 2001-06 **Ören**, T.I. (2001). Guest Editor's Introduction: Software Agents and Simulation. Special Issue of Simulation Journal. June 2001, p. 328.
- 2000**
- 2000-01 **Ören**, T.I. (2000 - Invited contribution). Verantwortung, Ethik und Simulation. (In English: Responsibility, Ethics, and Simulation). In: R. Rimane (ed.) Gedanken zur Zeit. Translated from the original in English into German by: G. Horton. SCS Europe BVBA, Ghent, Belgium. pp. 213-224. (Based on an early version which was an invited presentation at a Symposium on Simulation and Ethics, held in Wageningen, The Netherlands, July 2, 1999)

- 2000-02 **Ören**, T.I. (2000). [Responsibility, Ethics, and Simulation](#). Transactions of the SCS, San Diego, CA. (An early version was translated and published in German - cited as 2000-01), 17:4 (Dec.), 165-170. ([presentation](#))
- 2000-03 **Ören**, T.I. (2000 – Invited Opening Paper). [Understanding: A Taxonomy and Performance Factors](#). In: D. Thiel (ed.) Proc. of FOODSIM'2000, June 26-27, 2000, Nantes, France. SCS, San Diego, CA, pp. 3-10.
- 2000-04 **Ören**, T.I. (2000 - Invited Opening Paper). Advances in Computer and Information Sciences. Proc. of the 15th International Symposium on Computer and Information Sciences. ISCIS 15, Oct. 11-13, 2000, Istanbul, Turkey, pp. XIII-XVII (presentation).
- 2000-05 **Ören**, T.I., S.K. Numrich, A.M. Uhrmacher, L.F. Wilson, and E. Gelenbe (2000 - Invited Paper). [Agent-directed Simulation: Challenges to Meet Defense and Civilian Requirements](#). Proc. of the 2000 Winter Simulation Conference, J.A Joines et al., eds., Dec. 10-13, 2000, Orlando, Florida, pp. 1757-1762.
- 2000-06 **Ören**, T.I. (2000). [Educating the Simulationists](#). In: Conception of Curriculum for Simulation Education, (H. Szczerbicka, ed.), Proc. of the 2000 Winter Simulation Conference, J.A. Joines et al., eds., Dec. 10-13, 2000, Orlando, Florida, pp. 1635-1644.
- 2000-07 Follow-on NIAG Prefeasibility Studies on Common Technical Framework and Multi-National Force Rehearsal. NATO RTO Pub. No: NIAG-D(99)6. (T. **Ören** contributed as a member of the NATO Industrial Advisory Group's (NIAG), Industrial Policy Subgroup on Modelling and Simulation (IPSG).)
- 2000-08 **Ören**, T.I. (2000 - Invited Presentation). [Use of Intelligent Agents for Military Simulation. Lecture Notes of Simulation for Military Planning, 21-22 Sept. 2000, Brussels, Belgium. International Seminars and Symposia Centre.](#)

1990s

1999

- 1999-01 **Ören, T.I., Çetin, S.** (1999). [Quality Criteria for User/System Interfaces](#). In: Proc. of the Symposium on Modelling and Analysis of C3I Systems, NATO R&T Agency, 12-14 January 1999, Fort d'Issy les Moulineaux, near Paris, France, pp. 18-1 – 18-8.
- 1999-02 **Ören, T.I.** (1999 – Invited Contribution). Maurice and my Dutch Connections. [In: the Book Edited to honor Prof. Ir. M.S. Elzas](#), University of Wageningen, Dept. of Informatics, Wageningen, the Netherlands, pp. 83-84.

1998

- 1998-01 **Ören, T.I. Çetin, S., Hocaoglu, F.** (1998). Quality Criteria for User System Interface (In Turkish: Kullanıcı Makine Arayüzü için Nitelik Ölçütleri). In Proceedings of Informatics '98, Sept. 2-6, 1998, Istanbul, Turkey, pp. 76-83
- 1998-02 **Ören, T.I.** (1998-Invited contribution). Simulation Technology: State-of-the Art and What can be done in Turkey (In Turkish: Simülasyon Teknolojisi: Dünyadaki durum ve Türkiye'de yapilabilecekler.). In: Proc. of the Turkish Armed Forces Modelling and Simulation Seminar, April 1-3, 1998, Ankara, Turkey, sf. 13-34..
- 1998-03 **Ören, T.I.** (1998-Invited contribution). [Bilisimde Özenli Türkçe](#). (In Turkish). BT Haber (Information Technologies: News). Number 183 (September 7-13,1998), p. 32
- 1998-04 NATO Modeling and Simulation Master Plan, version 1.0. NATO RTO Pub No: AC/323 (SGMS)D/2 (T. **Ören** contributed as a member of the SGMS - Steering Group on NATO Simulation Policy and Applications.)

1997

- 1997-01 Yong Meng, T., Lawrence, W., **Ören, T.**, Rimane, R. (eds.) (1997). Proceedings of the 1st World Congress on Systems Simulation, Singapore, Sept. 1-4, 1997, 517 p.
- 1997-02 Abdullah, B., **Ören, T.**, (1997). Enhancement of a Simulation Environment with IMAGES (Intelligent Multi-Agent Based Virtual Gauges). In: Proceedings of the 1st World Congress on Systems Simulation, Singapore, Sept. 1-4, 1997, pp. 359-363.
- 1997-03 **Ören, T.I.** (1997). Criteria for User/System Interface Design and Evaluation. In: Proc. of the AFCEA Turkey Seminar on Battlefield Visualization, Sept. 25-26, 1997, Ankara, Turkey.
- 1997-04 Yong Meng, T., Lawrence, W., **Ören, T.**, Rimane, R. (1997). Organizer's Message. Preface of the Proceedings of the 1st World Congress on Systems Simulation, Singapore, Sept. 1-4, 1997, pp. xi-xii.

1996

- [1996-01](#) **Ören, T.I., Klir, G.J.** (eds.) (1996). [Computer Aided Systems Theory](#) - CAST'94, Springer-Verlag (Lecture Notes in Computer Science 1105) Berlin, New York, 439 p.
- [1996-02](#) **Ören, T.I.** and Ghasem-Aghae, N., (1996). [Multiparadigm \(Knowledge-Based and Numerical\) Continuous Simulation Environments: Architectural Issues](#). In: Computer Aided Systems

	Theory - CAST '94, T.I. Ören and G.J. Klir, (eds.). Springer-Verlag, New York, NY, Lecture Notes in Computer Science Volume 1105, pp. 151-160.
1996-03	Ören, T.I. et al. (ed.) (1996). Synergy of Artificial Intelligence and Simulation: Recent Advances and Promising Research Areas. In: Proceedings of 1996 Summer Computer Simulation Conf., Portland, Oregon, July 21-25, SCS, San Diego, CA., pp. 596-601.
1996-04	Ören, T.I. (1996). Towards Simulative and Intelligent Problem Solving Environments (Position Statement at a Panel on: Synergy of Artificial Intelligence and Simulation). In: Proceedings of 1996 Summer Computer Simulation Conf., Portland, Oregon, July 21-25, SCS, San Diego, CA., p. 596.
1996-05	Ören, T.I. (1996). Intelligent Software Agents: Basic Concepts and Internet Applications. (In Turkish - Akıllı Yazılım Etmenleri: Temel Kavramlar ve İnternet'teki Uygulamalar). In Proceedings of Informatics '96, Sept. 18-22, 1996, Istanbul, Turkey.
1996-06	Shemilt, L.W. et al. (1996). Fifteenth Annual Report, TAC-15, (Final Report). The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. Ören contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
1995	
1995-01	Ören, T.I., Birta, L.G. (eds.) (1995). Proceedings of the 1995 Summer Computer Simulation Conference, The Society for Computer Simulation, San Diego, CA., 1136 p.
1995-02	Ghasem-Aghaee, N., Ören, T.I. (1995). KbDif: A Knowledge-Based Approach for Continuous Simulation, Transactions of the Computer Simulation Society, 12:4, 287-301.
1995-03	Ören, T.I. (1995). Enhancing Innovation and Competitiveness Through Simulation . Preface of the Proceedings of 1995 Summer Computer Simulation Conf., Ottawa, Ont., July 24-26, SCS, San Diego, CA., pp. vi-vii.
1995-04	Abdullah, B., Ören, T.I. (1995). Integration of Visual Intelligent Software Agent Gauges (VISAG) into a Simulation Environment. In: Proceedings of 1995 Summer Computer Simulation Conf., Ottawa, Ont., July 24-26, SCS, San Diego, CA., pp. 269-274.
1995-05	Coşkun, R., Ören, T.I. (1995). Architecture of a Real-Time, Simulation-Based and Intelligent Production Scheduling System. In: Proceedings of 1995 Summer Computer Simulation Conf., Ottawa, Ont., July 24-26, SCS, San Diego, CA, pp. 367-372.
1995-06	Keon, N., Simader, Guenter, Ören, T.I. , de Oliveira, J.C.T. (1995). Modelling and Simulation of the Proton Exchange Membrane Fuel Cell: A State-of-the-Art Review. In: Proceedings of 1995 Summer Computer Simulation Conf., Ottawa, Ont., July 24-26, SCS, San Diego, CA, pp. 659-664.
1995-07	Ören, T.I. (1995-Invited contribution). Artificial Intelligence and Simulation: A Typology. In: Proceedings of the 3rd Conference on Computer Simulation, S. Raczynski (ed.), Mexico City, Nov. 15-17, pp. 1-5.
1995-08	Ören, T.I., Ghasem-Aghaee, N. (1995). Front-End Interfaces for Simulation Environments: Quality Criteria and Visual Basic Events. Technical Report TR-95-02. Computer Science Department, University of Ottawa, Ottawa, Ontario.

1995-09 Shemilt, L.W. et al. (1995). Fourteenth Annual Report, TAC-14, The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).

1994

1994-01 Kaylan, A.R., Lehmann, A., **Ören**, T.I. (eds.) (1994). Proc. of the European Simulation Symposium, Oct. 9-12, 1994, Istanbul, Turkey. Society for Computer Simulation International, San Diego, CA. Vol. 1: Advances in Simulation Methodology and Practices, Artificial Intelligence in Simulation, 359 p. Vol. 2: Industrial Simulation, Computer and Telecommunication Systems, 352 p. Vol. 3: Additional Papers, 113 p.

[1994-02](#) **Ören**, T.I. (1994). [Artificial Intelligence and Simulation](#). Annals of Operations Research, vol. 53. pp. 287-319.

[1994-03](#) **Ören**, T.I., King, D.G. (1994). [Computer-Aided Systems Technology for CAD Environments: Complexity Issues and a Repository-Based Approach](#). In: Computer Aided Systems Theory - EuroCast '93, F. Pichler and R. Moreno Diaz (eds.), Springer-Verlag, Berlin, Germany, Lecture Notes in Computer Science Volume 763, 1994, pp. 131-136.

[1994-04](#) **Ören**, T.I. (1994). [Computer-Aided Systems Technology: Its Role in Advanced Computerization](#). In: Computer Aided Systems Theory - EuroCast '93, F. Pichler and R. Moreno Diaz (eds.), Springer-Verlag, Berlin, Germany, Lecture Notes in Computer Science Volume 763, 1994, pp 11-20.

1994-05 Coşkun, R., **Ören**, T.I. (1994). Simulation in Knowledge-Based Production Scheduling Systems: A State-of-the-Art Review. In: Proc. of the European Simulation Symposium, vol. 2, A.R. Kaylan, A. Lehmann, and T.I. Ören (eds.), Oct. 9-12, 1994, Istanbul, Turkey, SCS, San Diego, CA, pp. 293-297.

1994-06 Coşkun, R., **Ören**, T.I. (1994). SIMEX: A Simulation-Based Expert Production Scheduling System. In: Proc. of the European Simulation Symposium, vol. 2, A.R. Kaylan, A. Lehmann, and T.I. Ören (eds.), Oct. 9-12, 1994, Istanbul, Turkey, SCS, San Diego, CA, pp. 298-301.

1994-07 **Ören**, T.I. (1994). [Review](#) of the Book, "Facets of Systems Science" by G.J. Klir. International Journal of General Systems, 22:3, 329-330. DOI: 10.1080/03081079408935215

1994-08 **Ören**, T.I., Thizy, J.M. (eds.) (1994). Lecture Notes CAST'94 - Fourth International Workshop on Computer Aided Systems Technology, May 16-20, 1994, University of Ottawa, Ottawa, Ontario.

1994-09 **Ören**, T.I. (1994). Simulation Languages (In Turkish), Informatics (In Turkish: Bilisim), Number 51 (June), pp. 62-63.

1993

1993-01 **Ören**, T.I. (1993). Simulation Languages: Taxonomy. In: Concise Encyclopedia of Software Engineering, D. Morris and B. Tamm (eds.), Pergamon Press, Oxford, England, 306-312.

1993-02 Sheng, G., Elzas, M.S., **Ören**, T.I., Cronhjort, B.T. (1993). Model Validation: A Systemic and Systematic Approach. Reliability Engineering and System Safety (Elsevier), 42: 247-259.

1993-03 **Ören**, T.I. (1993). Simulation Environments: Challenges for Advancement. Chinese Journal of Systems Engineering and Electronics, 4:4 (Nov.), 12-23.

- 1993-04 **Ören, T.I.** (1993). [Needs of the Software Industry in the Next Decade](#). In: Proceedings of the National Workshop on Software Engineering Education, H.A. Müller and J. Slonim (eds.). Toronto, Ont., May 31, 1993. IBM Canada, Toronto, Ont., 109-111.
- 1993-05 **Ören, T.I.** (1993). [Three Simulation Experimentation Environments: SimAd, SimGest, and E/Slam](#). In: Proceedings of the European Simulation Symposium, A. Verbraeck and E.J. H. Kerckhoffs (eds.), Delft, The Netherlands, SCS, San Diego, CA, pp. 627-632.
- 1993-06 Hitz, M., Werthner, H., **Ören, T.I.** (1993). [Employing Databases for Large Scale Reuse of Simulation Models](#). In: Proc. of 1993 Winter Simulation Conference, pp. 544-551.
- 1993-07 Birta, L.G., **Ören, T.I.** (1993). Simulation Modelling for Environmental Problems: A Review of Current Problems. Report Prepared for the International Development Research Centre (IDRC), Ottawa, Ont., Canada.
- 1993-08 Shemilt, L.W. et al. (1993). Thirteenth Annual Report, TAC-13, The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1992**
- 1992-01 Kaylan, A.R., **Ören, T.I.** (eds.) (1992). Advances in Simulation '92. Proc. of the Symposium: Advances in Simulation '92, July 6-7, 1992, Istanbul, Turkey, Bogaziçi University, Istanbul, Turkey, 272 p.
- 1992-02 Kaylan, A.R., **Ören, T.I.** (eds.) (1992). Advances in Simulation '92 (In Turkish: Benzetimde İlerlemeler '92). Proc. of the Articles written in Turkish for the Symposium: Advances in Simulation '92, July 6-7, 1992, Istanbul, Turkey, Bogaziçi University, Istanbul, Turkey, 150 p.
- 1992-03 **Ören, T.I.**, Wendt, R.N., King, D.G., Abou-Rabia, O., Birta, L.G. (1992). A Template-Oriented Approach for Simulation Program Understanding. *Mathematics and Computers in Simulation*, 34: 219-229.
- 1992-04 Birta, L.G., Abou-Rabia, O., **Ören, T.I.**, King, D.G., Wendt, R.N. (1992). Reverse Engineering in the Simulation Lifecycle, *Systems Analysis Modelling Simulation*, 9:1, 69-84.
- 1992-05 King, D., **Ören, T.I.**, Hitz, M. (1992). Automatic Generation of Natural Language Documentation for SLAM II Programs. In: *Artificial Intelligence, Expert Systems and Symbolic Computing (IMACS Transactions on Scientific Computing '91)*, E.N. Houstis and J.R. Rice (eds.), North-Holland, Amsterdam.
- 1992-06 **Ören, T.I.** (1992). Towards Program Understanding Systems. (Invited Plenary Paper). In: Proceedings of the First Turkish Symposium on Artificial Intelligence and Neural Networks, K. Oflazer, V. Akman, H.A. Guvenir, U. Halici (eds.), 25-26 June, 1992, Bilkent University, Ankara, Turkey, pp. 3-12.
- 1992-07 **Ören, T.I.** (1992). Advances in Knowledge-Based Simulation Systems. In: Proceedings of the Symposium on Advances in Simulation '92., A.R. Kaylan, T.I. Ören (eds). July 6-7, 1992, Istanbul, Turkey. Bogaziçi University, Department of Industrial Engineering, Istanbul, Turkey, pp. 17-24.

- 1992-08 **Ören**, T.I. (1992) (Plenary article). Simulation Environments: Challenges for Advancement. In: Proceedings of the 2nd International Conference on System Simulation and Scientific Computing, Oct. 20-23, 1992, Beijing, China, pp. 8-12.
- 1992-09 **Ören**, T.I., King, D.G., Birta, L.G., Hitz, M. (1992). [Requirements for a Repository-Based Simulation Environment](#). Proc. of the Winter Simulation Conference 1992, Dec. 13-16, 1992, Arlington, VA, pp. 747-750. ([ACM Portal](#))
- 1992-10 Shemilt, L.W. et al. (1992). Twelfth Annual Report, TAC-12, The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1992-11 Hitz, M., King, D.G., **Ören**, T.I. (1992). A Prototype of a UNIX-Based Repository Management System. Technical Report TR-92-21 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1992-12 Hitz, M., King, D.G., **Ören**, T.I. (1992). A Table Documentation Language. Technical Report TR-92-22 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1992-13 **Ören**, T.I. (1992). Simulation Environments: Challenges for Advancement. Technical Report TR-92-33. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1992-14 **Ören**, T.I. (1992). Artificial Intelligence and Simulation. Technical Report TR-92-45. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1992-15 **Ören**, T.I. (1992). Review of the Book, "[An Introduction to Simulation Using GPSS/H](#)" by T.J. Schriber, Wiley, New York, 1991. ACM Transactions on Modelling and Computer Simulation (TOMACS) 1:3, 275-276. Also in ACM Computing Reviews, 33:7 (July), 372-373. Review nb. 9207-0401.
- 1992-16 **Ören**, T.I., Thizy, J.M. (eds.) (1992). Lecture Notes of the OSSA 92 - Ottawa Systems Science Applications Day, Ottawa, On., May 4, 1992, University of Ottawa, Systems Science Programme, Ottawa, Ontario.
- 1991**
- [1991-01](#) **Ören**, T.I. (1991). Dynamic Templates and Semantic Rules for Simulation Advisors and Certifiers. In: Knowledge-Based Simulation: Methodology and Application, P.A. Fishwick and R.B. Modjeski (Eds). Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 53-76.
- 1991-02 Sheng, G., **Ören**, T.I. (1991). Computer-Aided Software Understanding Systems to Enhance Confidence of Scientific Codes. In: Proceedings of the BIOMOVs (BIOSpheric Model Validation Study) Symposium, Stockholm, Sweden, October 8-10, 1990. Swedish Radiation Protection Institute, Stockholm, Sweden, pp. 275-286.
- 1991-03 **Ören**, T.I. (1991) (Invited Presentation). Quality in Software: Importance and Dimensions of the Problem (In Turkish - Yazılımda Nitelik: Sorunun Önemi ve Boyutları). In: Proceedings of the Symposium on The Use of Computers in Industry and Automation 1990-91, Istanbul Technical University, Istanbul, Turkey, pp. 1-39.
- 1991-04 **Ören**, T.I., Hitz, M., King, D.G., Birta, L.G., Abou-Rabia, O. (1991). A Repository-Based Simulation Environment: Rationale and a Prototype Architecture. Technical Report TR-91-17

- (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1991-05 **Ören, T.I., Hamilton, I.J., Ören, Y.C.** (1991). ORC++: A Graphic Scheme and a Redocumentation Tool for C++. Technical Report TR-91-35. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1991-06 King, D.G., Hitz, M., **Ören, T.I.** (1991). Automatic Generation of Natural Language Documentation for SLAM II Programs. In: Preprints of the 13th IMACS World Congress on Computation and Applied Mathematics, Dublin, Ireland, July 22-26, 1991.
- 1991-07 **Ören, T.I., King, D.G., Birta, L.G., Hitz, M. Abou-Rabia, O.,** (1991). A Quality Engineering Environment for Simulation Studies: Progress Report 1991. In: Proceedings of the Bell Canada Quality Engineering Workshop 3, Ottawa, On, October 16-17, 1991. (Participation by invitation).
- 1991-08 King, D.G., **Ören, T.I., Birta, L.G., Hitz, M.** (1991). Verification and Validation of Simulation Models Using E/Slam: Bell Case Study Experience. In: Proceedings of the Bell Canada Quality Engineering Workshop 3, Ottawa, On, October 16-17, 1991. (Participation by invitation).
- 1990**
- 1990-01 **Ören, T.I.** (ed.) (1990). [Advances in Artificial Intelligence in Software Engineering](#) - Vol. 1, JAI Press, Greenwich, Connecticut, 332 p. ([cover](#), [ToC](#))
- 1990-02 **Ören, T.I.** (1990). A Paradigm for Artificial Intelligence in Software Engineering. In: Advances in Artificial Intelligence in Software Engineering - Vol. 1, T.I. Ören (ed.), JAI Press, Greenwich, Connecticut, pp. 1-55.
- 1990-03 **Ören, T.I.** (1990). Simulation Methodology: Top Down Approach. In: Concise Encyclopedia of Information Processing in Systems and Organizations, A.P. Sage (ed.), Pergamon Press, Oxford, England, 421-425.
- [1990-04](#) **Ören, T.I.** (1990). Artificial Intelligence and Quality Assurance in Computer-Aided Systems Theory. In: Advances in Computer-Aided Systems Theory - Eurocast '89. F. Pichler, R. Moreno-Diaz (Eds). Springer-Verlag, Berlin, Heidelberg, New York, pp. 336-344.
- 1990-05 Webster, W., Arnovick, G., Hammond, R., **Ören, T.I., Pagdett, M.L., Sarchet, M.** (1990). Integrated Computer Aided Software Engineering (CASE) Environments for Simulation (Panel Discussion). In: AI and Simulation: Theory and Applications, W. Webster and R. Uttamsingh (eds.), Simulation Series 22:3 (April). SCSC, San Diego, CA.
- 1990-06 **Ören, T.I.** (1970). Artificial Intelligence in Software Engineering. In: Proceedings of CIPS/CATA Conference, R.S. Marsh and M.F. Laughton (eds.), Ottawa, Ont., Canada, May 16-18, 1990. CIPS (Canadian Information Processing Society), Toronto, On., Canada, pp. 377-385.
- 1990-07 **Ören, T.I., Birta, L.G., Abou-Rabia, O., King, D.G., Wendt, R.N.** (1990). E/Slam: A Software Understanding Environment for SLAM II Programs. In: Proceedings of European Simulation Multiconference, Erlangen-Nuremberg, Germany, June 10-13, 1990, SCS International, San Diego, CA, pp. 235-240.
- 1990-08 **Ören, T.I., Abou-Rabia, O., King, D.G., Birta, L.G., Wendt, R.N.** (1990) (Plenary Paper). Reverse Engineering in Simulation Program Understanding. In: Problem Solving by

- Simulation, A. Jávora (ed.) Proceedings of IMACS European Simulation Meeting, Esztergom, Hungary, August 28-30, 1990, pp. 35-41.
- 1990-09 **Ören**, T.I., Sheng, G. (1990). Software Tools for the Quality Assurance of Scientific Codes Used in Nuclear Fuel Waste Management Programs. In: Proceedings of the International Symposium on the Safety Assessment of Radioactive Waste Repositories, Paris, France, Oct. 9-13, 1989. OECD, Paris, France, pp. 761-766.
- 1990-10 Wendt, R.N., **Ören**, T.I., Birta, L.G. (1990). Knowledge Base for Slam II Understanding System, Volume 2 - Rule Base. Technical Report (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1990-11 King, D.G., **Ören**, T.I. (1990) Orfor Implementation. (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1990-12 Shemilt, L.W. et al. (1990). Eleventh Annual Report, TAC-11, The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1990-13 **Ören**, T.I., Birta, L.G., Abou-Rabia, O., King, D.G., Hitz, M. (1990). A Repository-Based System to Enhance Simulation Productivity. In: Proceedings of the Bell Canada Quality Engineering Workshop II, Montreal, PQ, October 4-5, 1990. (Participation by invitation).
- 1990-14 **Ören**, T.I., Wendt, N.R., Abou-Rabia, O., King, D.G., Birta, L.G. (1990). A Reverse Engineering Application for Simulation Program Understanding. In: Proceedings of the Bell Canada Quality Engineering Workshop II, Montreal, PQ, October 4-5, 1990. (Participation by invitation).

1980s

1989

- 1989-01 Elzas, M.S., **Ören**, T.I., Zeigler, B.P. (eds.) (1989). Modelling and Simulation Methodology: Knowledge Systems' Paradigms, North-Holland, Amsterdam, 487 p.
- 1989-02 **Ören**, T.I. (1989). Bases for Advanced Simulation: Paradigms for the Future (Keynote Paper). In: Modelling and Simulation Methodology: Knowledge Systems' Paradigms, M.S. Elzas, T.I. Ören, B.P. Zeigler (eds.), North-Holland, Amsterdam, pp. 29-43.
- 1989-03 **Ören**, T.I. (1989). Quality Assurance, Artificial Intelligence, and Computer-Aided Systems Theory. In: Eurocast '89, International Workshop on Computer Aided Systems Theory, Las Palmas, Grand Canaria, Canary Islands (Spain), Feb. 26-March 3, 1989, pp. 336-344.
- 1989-04 **Ören**, T.I. (1989). Program Understanding Systems in Simulation. In: J.W. Rozenblit et al. (eds.) Proc. of the 4th AI and Simulation Workshop, IJCAI-11, Detroit, MI, August 21, 1989, pp. 110-111.
- 1989-05 **Ören**, T.I. (1989). A Review of SYVAC 3 and Some Observations for Software Quality Assurance. Report Prepared for TAC: The Technical Advisory Committee of AECL on Nuclear Fuel Waste Management Program, University of Ottawa, Ottawa, Ontario.
- 1989-06 **Ören**, T.I. (1989). Dynamic Templates and Semantic Rules for Simulation Advisors and Certifiers. Technical Report TR-89-10, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1991-01).
- 1989-07 Shemilt, L.W. et al. (1989). Tenth Annual Report, TAC-10, The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1989-08 **Ören**, T.I., King, D.G. (1989). Orfor: Organized Representation of Fortran Programs on a Sun Workstation. Technical Report TR-89-16 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-09 **Ören**, T.I., Wendt, N.R. (1989). Knowledge Base of SunS: Slam II Understanding System. Technical Report (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-10 **Ören**, T.I., Birta, L.G., Abou-Rabia, O. (1989). Requirements for the Documentation of Simulation Studies. Technical Report TR-89-52 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-11 **Ören**, T.I., King, D.G., Birta, L.G., Wendt, R.N., Aşıkhan, N. (1989). E/Slam: A Program Elucidation System for Slam II on a Sun Workstation. Technical Report TR-89-53 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-12 **Ören**, T.I., Abou-Rabia, O., Luyun, L., Birta, L.G., King, D.G. (1989). MIA: Module Interface Analyzer for Fortran Programs. Technical Report TR-89-55 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.

- 1989-13 **Ören**, T.I., Wendt, R.N., Luyun, L., Birta, L.G., King, D.G., Abou-Rabia, O. (1989). Implementation of MIA: Module Interface Analyzer for Fortran Programs. Technical Report (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-14 Wendt, R.N., **Ören**, T.I., Birta, L.G. (1989). Knowledge Base for Slam II Understanding System, Volume 1 - Templates. Technical Report TR-89-54 (Prepared for Bell Canada). Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1989-15 Rozenblit, J.W., Fishwick, P.A., Modjeski, R.B., Zeigler, B.P., Nielsen, N.R., **Ören**, T.I. (eds.) (1989). Proceedings of the Fourth Artificial Intelligence and Simulation Workshop. IJCAI - 89 Conference, August 21, 1989, Detroit, Michigan. American Association for Artificial Intelligence, Menlo Park, CA.

1988

- 1988-01 **Ören**, T.I., Tam, J. (1988). An Expert Modelling and Simulation System on Sun Workstation. In: R.C. Huntsinger et al. (eds.), Simulation Environments and Symbol and Number Processing on Multi and Array Processors, SCS International, San Diego, CA, pp. 255-260.
- 1988-02 **Ören**, T.I., Sheng, G. (1988). Semantic Rules and Facts for an Expert Modelling and Simulation System, In: Proceedings of the 12th IMACS World Congress, Paris, France, July 18-22, 1988, Vol. 2, 596-598.
- 1988-03 Shemilt, L.W. et al. (1988). Ninth Annual Report, TAC-9. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1988-04 **Ören**, T.I. (1988). Bases for Advanced Simulation: Paradigms for the Future. Technical Report TR-88-26, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint 1989-02).
- 1988-05 **Ören**, T.I. (1988). A Paradigm for Artificial Intelligence in Software Engineering. Technical Report TR-88-35, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1990-02).
- 1988-06 **Ören**, T.I. (1988). Simulation Methodology: Top Down Approach. Technical Report TR-88-36, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1990-03).

1987

- 1987-01 **Ören**, T.I. (1987). Simulation Methodology: Top-Down Approach. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 4319-4323.
- 1987-02 **Ören**, T.I. (1987). Simulation: Taxonomy. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 4411-4414. (Chinese translation appeared in: Acta Simulata Systematica Sinica, 1989, 1, 60-63).
- 1987-03 **Ören**, T.I. (1987). Simulation Models: Taxonomy. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 4381-4388. (Chinese translation appeared in: Acta Simulata Systematica Sinica, 1990, 1, 34-43).

- 1987-04 **Ören, T.I.** (1987). Simulation Models Symbolic Processing: Taxonomy. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 4377-4381. (Chinese translation appeared in: Acta Simulata Systematica Sinica, 1990, 4, 59-62).
- 1987-05 **Ören, T.I.** (1987). Model Behavior: Type, Taxonomy, Generation and Processing Techniques. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 3030-3035. (Chinese translation appeared in: Acta Simulata Systematica Sinica, 1990, 2, 53-59).
- 1987-06 **Ören, T.I.** (1987). Simulation and Model-Oriented Languages: Taxonomy. In: Systems and Control Encyclopedia, M.G. Singh (ed.), Pergamon Press, Oxford, England, pp. 4303-4306. (Chinese translation appeared in: Acta Simulata Systematica Sinica, 1990, 3, 67-73).
- 1987-07 **Ören, T.I., Zeigler, B.P.** (1987). Artificial Intelligence in Modelling and Simulation: Directions to Explore. Simulation, 48:4 (April), 131-134.
- 1987-08 **Ören, T.I.** (1987). Artificial Intelligence and Simulation: From Cognitive Simulation Toward Cognizant Simulation. Simulation 48:4 (April), 129-130.
- 1987-09 **Ören, T.I.** (1987). Quality Assurance Paradigms for Artificial Intelligence in Modelling and Simulation. Simulation, 48:4 (April), 149-151.
- 1987-10 **Ören, T.I., Elzas, M.S.** (1987). Technical Foundations for Quality Assurance of Systems Engineering Activities for Safety Assessment. In: Waste Management '87, R.G. Post (ed.). Proc. of the Waste Management Conf., Tucson, Arizona, March 1-5, 1987, pp. 275-281.
- 1987-11 **Ören, T.I.** (1987). [Model Update: A Model Specification Formalism with a Generalized View of Discontinuity](#). In: Proceedings of the Summer Computer Simulation Conference, Montreal, Quebec, Canada, 1987 July 27-30, pp. 689-694.
- 1987-12 **Ören, T.I.** (1987). Simulation Methodology (Plenary Paper). In: Proc of European Congress on Simulation, Prague, Czechoslovakia, Sept 21-25.
- 1987-13 **Ören, T.I.** (1987). [Artificial Intelligence in Simulation](#) (Plenary Paper). In: Proceedings of Measurement, Modelling, and Evaluation of Computer Systems, Erlangen, W. Germany, September 29 - October 1, 1987, pp. 375-388.
- 1987-14 **Ören, T.I.** (1987). Modelling Paradigms and Software for Discrete Systems: Traditional and Artificial Intelligence Aspects. Technical Report TR-87-03, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1987-15 TAC (1987). Comments on the SKB (Swedish Nuclear Fuel Waste Management Co.) R&D Programme '86. By the Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).
- 1987-16 Shemilt, L.W. et al. (1987). Eighth Annual Report, TAC-8. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the chairman of the System Analysis Subcommittee of TAC).

- 1987-17 **Ören, T.I.** (1987). Cognizant Simulation Systems. In: Knowledge-Based Simulation and Modelling: AI and Simulation, B.P. Zeigler (ed.). Lecture Notes of the Professional Development Seminar, The University of Arizona, Tucson, Arizona, January 19-20, 1987.
- 1987-18 **Ören, T.I.** (1987). Artificial Intelligence and Quality Assurance Methodology. In: Knowledge-Based Simulation and Modelling: AI and Simulation, B.P. Zeigler (ed.). Lecture Notes of the Professional Development Seminar, The University of Arizona, Tucson, Arizona, January 19-20, 1987.
- 1987-19 Zeigler, B.P. **Ören, T.I.** (eds.) (1987). Intelligent Environments and Goal-Directed Models. Preprints of the 4th International Symposium on Modelling and Simulation Methodology, Tucson, Arizona, January 21-23, 1987, Special Professional Education, The University of Arizona, Tucson, Arizona.
- 1987-20 **Ören, T.I.** (1987). Bases for Advanced Simulation: Paradigms for the Future. In: B.P. Zeigler, T.I. Ören, Intelligent Environments and Goal-Directed Models. Preprints of the 4th International Symposium on Modelling and Simulation Methodology, Tucson, Arizona, January 21-23, 1987, Special Professional Education, The University of Arizona, Tucson, Arizona.
- 1987-21 **Ören, T.I.** (ed.) (1987). Simulation, 48:4 (April).
- 1987-22 **Ören, T.I.** (1987). Knowledge and Knowledge Processing Knowledge in Cognizant Systems: A Taxonomy. In: Proceedings of the 31st Annual Meeting of the International Society for General Systems Research, Budapest, Hungary, 1987 June 1-5, pp. 868-873.
- 1987-23 **Ören, T.I.** (1987). Metamodels for Cognizant Simulative Design Systems. In: Proceedings of the 31st Annual Meeting of the International Society for General Systems Research, Budapest, Hungary, 1987 June 1-5, pp. 874-879.
- 1987-24 **Ören, T.I.** (1987). Traditional and Cognizant Simulation and other Model-Based Activities: An Integrative View. In: Preprints of the 1st International Conference on Statistical Computing, Dudewicz, E. et al. (eds.), Univ. of Ege, Bornova, Izmir, Turkey, pp. 395-422.
- 1987-25 **Ören, T.I.** (1987). L'apprentissage automatique et les logiciels autodidactes (abstract). Recueil des résumés de communications, 50e Congres de l'ACFAS, 19-22, Mai 1987, Ottawa, Ont., Les annales de l'ACFAS, Vol. 55, 1987, p. 199.
- 1986**
- 1986-01 Elzas, M.S., **Ören, T.I.**, Zeigler, B.P. (eds.) (1986). Modelling and Simulation Methodology in the Artificial Intelligence Era. North-Holland, Amsterdam, 423 p.
- 1986-02 **Ören, T.I.** (1986). Implications of Machine Learning in Simulation. In: Modelling and Simulation Methodology in the Artificial Intelligence Era, M.S. Elzas, T.I. Ören, B.P. Zeigler (eds.), North-Holland, Amsterdam, pp. 41-57.
- 1986-03 **Ören, T.I.** (1986). Artificial Intelligence in Quality Assurance of Simulation Studies. In: Modelling and Simulation Methodology in the Artificial Intelligence Era, M.S. Elzas, T.I. Ören, B.P. Zeigler (eds.), North-Holland, Amsterdam, pp. 267-278.
- 1986-04 Aytaç K.Z., **Ören, T.I.** (1986). MAGEST: A Model-Based Advisor and Certifier for GEST Programs. In: Modelling and Simulation Methodology in the Artificial Intelligence Era, M.S. Elzas, T.I. Ören, B.P. Zeigler (eds.), North-Holland, Amsterdam, pp. 299-307.

- 1986-05 **Ören**, T.I. (1986). Knowledge Bases for an Advanced Simulation Environment. In: Intelligent Simulation Environments, P.A. Luker, H.H. Adelsberger (eds.), Proceedings of SCS Conference on Intelligent Simulation Environments, San Diego, CA, 1986 Jan. 23-25, pp. 16-22. (Reprinted in: Proc. of the 2nd National (Turkey) Symposium on Computer-Aided Design, B. Kuryel (ed.), Univ. of Ege, Bornova, Izmir, Turkey, pp. 17-23.
- 1986-06 **Ören**, T.I. (1986). Artificial Intelligence and Simulation. In: Artificial Intelligence Applied to Simulation, E.J.H. Kerckhoffs, G.C. Vansteenkiste, B.P. Zeigler (eds.), (Proceedings of a Conference held in Ghent, Belgium, 1985 Feb. 25-27) SCS, San Diego, CA, pp. 3-8. (Chinese translation appeared in: Artificial Intelligence and Simulation, G. Xiong, B-H. Li, Z-Z. Wan (eds.). (Special issue of Computer Engineering and Design, 1987, Aug., pp. 1-7).
- 1986-07 **Ören**, T.I. (1986). Software Requirements of Knowledge Bases of an Advanced Simulation Environment. In: Proceedings of JSST (Japan Society for Simulation Technology) Conference on Recent Advances in Simulation of Complex Systems, Tokyo, Japan, July 15-17, 1986, pp. 35-38.
- 1986-08 **Ören**, T.I., Ma Jihu (1986). An Adaptive Order Discontinuity Algorithm for Simulation of Ordinary Differential Equations. In: Proceedings of JSST (Japan Society for Simulation Technology) conference on Recent Advances in Simulation of Complex Systems, Tokyo, Japan, July 15-17, 1986, pp. 283-288.
- 1986-09 **Ören**, T.I., Zeigler, B.P. (1986). From Stone Tools to Cognizant Tools: The Quest Continues. In: Proceedings of 2nd European Simulation Congress, Antwerp, Belgium, September 9-12, 1986, G.C. Vansteenkiste, E.J.H. Kerckhoffs, L. Dekker, J.C. Zuidervaart (eds.), SCS, San Diego, CA, pp. 801-807.
- 1986-10 **Ören**, T.I. (1986). [Quality Assurance in Cognizant Simulative Design](#). Proceedings of 1986 Winter Simulation Conference, Washington, D.C., 1986, Dec. 8-10, pp. 850-852. ([ACM Portal](#))
- 1986-11 Zeigler, B.P., **Ören**, T.I. (1986). [Multifaceted, Multiparadigm Modelling Perspectives: Tools for the 90's](#). In: Proceedings of 1986 Winter Simulation Conference, Washington, D.C., 1986 Dec. 8-10, pp. 708-712. ([ACM Portal](#))
- 1986-12 Shemilt, L.W. et al. (1986). Seventh Annual Report, TAC-7. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC).
- 1986-13 **Ören**, T.I. (1986). Traditional and Cognizant Simulation and Other Model-Based Activities: An Integrative View. Technical Report TR-86-19, Computer Science Department, University of Ottawa, Ottawa, Ontario, Canada.

1985

- 1985-01 Birta, L.G., **Ören**, T.I., Kettenis, D.L. (1985). A Robust Procedure for Discontinuity Handling in Continuous System Simulation, Transactions of the Society for Computer Simulation, 2:3, 189-205. ([for a review](#))
- 1985-02 **Ören**, T.I., Aytaç, K.Z. (1985). Architecture of MAGEST: A Knowledge-Based Modelling and Simulation System. In: Simulation in Research and Development, A. Javor (ed.), North-Holland, Amsterdam, pp. 99-109.

- 1985-03 **Ören**, T.I., Elzas, M.S., Sheng, G. (1985). Model Reliability and Software Quality Assurance in Simulation of Nuclear Fuel Waste Management Systems. In: Waste Management '85, Vol. 1, R.G. Post (ed.), pp. 381-396.
- 1985-04 Shemilt, L.W. et al. (1985). Sixth Annual Report, TAC-6. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC).
- 1985-05 **Ören**, T.I., Sheng, G., Bewer, P. (1985). Report on SYVAC. Prepared for TAC - The Technical Advisory Committee to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1985-06 **Ören**, T.I. (1985). Basic Requirements for Effective Review of SYVAC3. Prepared for TAC - The Technical Advisory Committee to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada.
- 1985-07 **Ören**, T.I. (ed.) (1985). ACM [Simuletter](#), 16:1 (Jan.), 60.
- 1985-08 **Ören**, T.I. (1985). [Intelligence in Simulation](#) - Editorial. ACM Simuletter, 16:1, 2.
- 1985-09 **Ören**, T.I., Özmızrak, M. (1985). [List of Events](#). ACM Simuletter, 16:1 (January), 48-52.
- 1985-10 **Ören**, T.I. (ed.) (1985). [ACM Simuletter](#), 16:2 (April), 64.
- 1985-11 **Ören**, T.I. (1985). [Role of Simulation in Advanced Information Technologies](#) - Editorial. ACM Simuletter, 16:2 (April), 4.
- 1985-12 **Ören**, T.I., Özmızrak, M. (1985). [List of Events](#). ACM Simuletter, 16:2 (April), 56-60.
- 1985-13 **Ören**, T.I. (ed.) (1985). [ACM Simuletter](#), 16:3 (July), 32.
- 1985-14 **Ören**, T.I. (1985). [Editorial](#). ACM Simuletter, 16:3, 2.
- 1985-15 **Ören**, T.I. (ed.) (1985). [ACM Simuletter](#), 16:4 (Oct.), 32.
- 1985-16 **Ören**, T.I. (1985). [Editorial](#). ACM Simuletter, 16:4 (Oct.), 2.
- 1985-17 Elçi, A., **Ören**, T.I. (1985). Benzetim Yöntembilimine Genel Bir Bakış (In Turkish - Simulation Methodology: A Top-Down View). Bilisim (Ankara, Turkey), pp. 52-56.
- 1985-18 **Ören**, T.I., Elçi, A., Köksal, A. (1985). Benzetimin Temel Kavramları için Türkçe Terimler Önerisi (In Turkish - Recommendations of Turkish Terms for the Basic Concepts of Simulation). Bilisim (Ankara, Turkey), pp. 57-59.
- 1985-19 **Ören**, T.I., Elzas, M.S., Sheng, G. (1985). Model Reliability and Software Quality Assurance in Simulation of Nuclear Fuel Waste Management Systems. ACM SIGSIM Simulation Digest, Volume 16 , Issue 4 (October 1985), pp. 4-19. ([abstract](#)) (full article at [ACM Portal](#))

1984

- [1984-01](#) **Ören**, T.I., Zeigler, B.P., Elzas, M.S. (eds.) (1984). Simulation and Model-Based Methodologies: An Integrative View. NATO ASI Series, Springer-Verlag, Berlin, Heidelberg, New York, 651 p. DOI 10.1007/978-3-642-82144-8_IISBN: 978-3-642-82146-2 (Print) 978-3-642-82144-8 (Online)

- [1984-02](#) **Ören, T.I.** (1984). Model-Based Activities: A Paradigm Shift. In: Simulation and Model-Based Methodologies: An Integrative View, T.I. Ören, B.P. Zeigler, M.S. Elzas (eds.). Springer-Verlag, Heidelberg, Germany, pp. 3-40.
- [1984-03](#) **Ören, T.I.** (1984). [GEST - A Modelling and Simulation Language Based on System Theoretic Concepts](#). In: Simulation and Model-Based Methodologies: An Integrative View, T.I. Ören, B.P. Zeigler, M.S. Elzas (eds.). Springer-Verlag, Heidelberg, Germany, pp. 281-335.
- [1984-04](#) **Ören, T.I.** (1984). Quality Assurance in Modelling and Simulation: A Taxonomy. In: Simulation and Model-Based Methodologies: An Integrative View, T.I. Ören, B.P. Zeigler, M.S. Elzas (eds.). Springer-Verlag, Heidelberg, Germany, pp. 477-517.
- 1984-05 **Ören, T.I.** (1984). New Directions in Systems Simulation: Methodology and Software. International Journal of Systems Analysis, Modelling, Simulation, 1:1, 63-70.
- 1984-06 **Ören, T.I.** (1984). Model-Based Information Technology: Computer and System Theoretic Foundations. Behavioral Science, 29:3 (July) 179-185.
- 1984-07 **Ören, T.I.** (1984). Directions for the Future of Modelling and Simulation: A Normative View. International Journal of Systems Analysis, Modelling, Simulation, 1:4, 293-306.
- 1984-08 **Ören, T.I.** (1984). Graphic Representation of Pseudocodes and Computer Programs: A Unifying Technique and a Family of Documentation Programs. In: Proc. of EdCompCon-83 (First Educational Computing Conf. of IEEE Computer Society), D.C. Rine (ed.). San Jose, Ca., Oct. 18-20, 1983. IEEE Computer Society, New York, pp. 81-89.
- 1984-09 Zeigler, B.P., **Ören, T.I.** (1984). Software-Augmented Textbooks Emphasizing Modelling Concepts. In: Proceedings of EdCompCon-23 (First Educational Computing Conference of IEEE Computer Society), D.C. Rine (ed.). San Jose, California, October 18-20, 1983. IEEE Computer Society, pp. 103-105. (Also available as Technical Report CSC-83-008, Wayne State Univ., Dept. of Computer Science, Detroit, MI).
- 1984-10 **Ören, T.I.** (1984). Discrete Event Simulation Software: A State-of-the-Art Review. In: Proceedings of 1984 Canadian Industrial Society Conference on Industrial Computer Systems, R.E. Butler (ed.), pp. 341-10, CICS (Canadian Industrial Computer Society), Ottawa, Ontario, May 22-24, 1984.
- 1984-11 TAC (1984). Assessment of the Swedish KBS Report "Final Storage of Spent Nuclear Fuel - KBS-3" by The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. Ören contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC).
- 1984-12 **Ören, T.I.** (1984). Symbolic Processing of Simulation Models: A Taxonomy. Technical Report TR-84-01, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-04).
- 1984-13 **Ören, T.I.** (1984). Model Behavior: A Taxonomy of Types and Generation and Processing Techniques. Technical Report TR-84-02, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-05).
- 1984-14 **Ören, T.I.** (1984). Simulation and Model-Oriented Languages: A Taxonomy. Technical Report TR-84-03, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-06).

- 1984-15 **Ören, T.I.** (1984). Graphic Representation of Pseudocodes and Computer Programs: A Unifying Technique and a Family of Documentation Programs. Technical Report TR-84-09, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1984-16 **Ören, T.I.** (1984). A Structure-Preserving Graphic Representation for Ada Algorithms and Programs. Technical Report TR-84-10, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1984-17 **Ören, T.I.** (1984). METU'83: Report of Tuncer Ören's Visit to Computer Engineering Department, Middle East Technical University, Report Prepared for the United Nations Development Programme in Turkey. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1984-18 Shemilt, L.W. et al. (1984). Fifth Annual Report, TAC-5. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC).
- 1984-19 **Ören, T.I.** (ed.) (1984). [ACM Simuletter](#), 15:1 (Jan.), 80.
- 1984-20 **Ören, T.I.** (1984). [Editorial](#). ACM Simuletter, 15:1, 2.
- 1984-21 **Ören, T.I.** (1984). [Sorrento Workshop](#). ACM Simuletter, 15:1, 3.
- 1984-22 **Ören, T.I.** (ed.) (1984). [ACM Simuletter](#), 15:2 (April), 64.
- 1984-23 **Ören, T.I.** (1984). [Editorial](#). ACM Simuletter, 15:2, 3-4.
- 1984-24 **Ören, T.I.** (1984). [A Forum for the Synergy of ACM Special Interest Groups](#). ACM Simuletter, 15:2, 5-6.
- 1984-25 **Ören, T.I., Özmızrak, M.** (1984). [Events](#). ACM Simuletter, 15:2 (April), 45-55.
- 1984-26 **Ören, T.I.** (1984). Forward to the book: Multifaceted Modelling and Discrete Event Simulation, by B.P. Zeigler. Academic Press London, England.
- 1984-27 **Ören, T.I.** (ed.) (1984). [ACM Simuletter](#), 15:3 (July), 64.
- 1984-28 **Ören, T.I.** (1984). [Editorial](#). ACM Simuletter, 15:3 (July), 4.
- 1984-29 **Ören, T.I., Özmızrak, M.** (1984). [Events](#). ACM Simuletter, 15:3 (July), 41-48.
- 1984-30 **Ören, T.I.,** (ed.) (1984). [ACM Simuletter](#), 15:4 (Oct.), 64.
- 1984-31 **Ören, T.I.** (1984). [Surveys on Discrete Event Simulation - Editorial](#). ACM Simuletter, 15:4 (Oct.), 5.
- 1984-32 **Ören, T.I., Özmızrak, M.** (1984). [Events](#). ACM Simuletter, 15:4 (Oct.), 37-40.

1983

- [1983-01](#) **Ören, T.I.** (1983). Quality Assurance of System Design and Model Management for Complex Problems. In: Adequate Modelling of Systems, H. Wedde (ed.). Springer-Verlag, Heidelberg, W. Germany, pp. 205-219.
- 1983-02 **Ören, T.I.** (1983). METU'82: Report of the Visit of Tuncer I. Ören to the Department of Computer Engineering of the Middle East Technical University, Report Prepared for the United Nations Development Programme in Turkey. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1983-03 **Ören, T.I.** (1983). Some Recommendation for the Enhancement of the Computerization of Population Records in Turkey (Project MERNIS). Report Prepared for the United Nations Development Programme in Turkey. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1983-04 **Ören, T.I.** (1983). An Evaluation of the Process Encyclopedia Information System (PRECISE) . Report Prepared for the Structural Analysis Division of Statistics Canada. Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1983-05 Aytaç, K., **Ören, T.I.** (1983). ORPAS – Organized Representation of Pascal Programs. Technical Report TR-83-01, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1983-06 Shemilt, L.W. et al. (1983). Fourth Annual Report, TAC-4. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. **Ören** contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC).
- 1983-07 **Ören, T.I.** (1983). Simulation Methodology: A Top-Down View. Technical Report TR-83-09, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-01).
- 1983-08 **Ören, T.I.** (1983). Simulation: A Taxonomy. Technical Report TR-83-10, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-02).
- 1983-09 **Ören, T.I.** (1983). Simulation Models: A Taxonomy. Technical Report TR-83-11, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1987-03).
- 1983-10 **Ören, T.I., Hokayem, N., Saleh, K., Maksoud, K.** (1983). ORGEST - Organized Representation of GEST Programs. Technical Report TR-83-12, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1983-11 **Ören, T.I., Brozozowski, J.A., Gilmore, P.C.** (1983). Solving the Crisis in the Academic Computer Science. CIPS Review, March-April 1983, pp. 24-26.
- 1983-12 **Ören, T.I.** (1983). Model-Based Information Technology: Computer and System Theoretic Foundations. (Abstract). In: Proceedings of 27th Annual Meeting of the Society of General Systems Research, ay 23-27, 1983, Detroit, Michigan, p. 74.
- 1983-13 Sowers, J.L., T.I. **Ören**, B.P. Zeigler, R.V. Houska, and R. Kopka (1983). [Simulation in Education: Modeling for the Future](#). Proceedings of 15th Winter Simulation Conference. December, 1983, pp. 259 - 262([ACM Portal](#))

1983-14 Zeigler, B.P. (Panel organizer), R. Ragade, B. Pollins, and T.I. Ören (1983). [Simulation Methodology: Lessons of the Past, Challenges for the Future](#). Proceedings of 15th Winter Simulation Conference. December, 1983, pp. 109-110.

1982

1982-01 Ören, T.I. (1982– Keynote Paper). Computer-Aided Modelling Systems. In: Progress in Modelling and Simulation, F.E. Cellier (ed.). Academic Press, London, England, pp. 189-203.

1982-02 Ören, T.I. (1982). Promising Synergies of Simulation Model Management, Software Engineering, Artificial Intelligence, and General System Theories. In: General Systems, Vol. 26, R.K. Ragade (ed.), pp. 203-209. Also published in: Proceedings of the 26th Annual Conference of the Society for General Systems Research, Vol. 1, pp. 197-204.

1982-03 Ören, T.I. (1982). Model Reliability in Interactive Modelling in GEST 81. In: Proceedings of 10th IMACS World Congress on System Simulation and Scientific Computation, Aug. 8-13, 1982, Montreal, PQ, Canada, Vol. 4, pp. 201-203.

1982-04 Shemilt, L.W. et al. (1982). Third Annual Report, TAC-3. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (T.I. Ören contributed as a member of TAC and as the Chairman of the System Analysis Subcommittee of TAC). 93 p.

1982-05 Ören, T.I. (1982). Definition Manual of GEST 81. Technical Report TR-82-05, Computer Science Department, University of Ottawa, Ottawa, Ontario.

1982-06 Ören, T.I., Brzozowski, J.A., Gilmore, P.C. (1982). Crisis in Canadian Academic Computer Science: Facts and Recommendations. Report prepared by the Executive Committee of Canadian Computer Science Departments Chairmen.

1982-07 Ören, T.I., Curwiel, P.H. (1982). Recommendation to Enhance Model Reliability of SYVAC and Related Software Used in Nuclear Fuel Waste Management Program of AECL. Report prepared for the Technical Advisory Committee to AECL on Nuclear Fuel Waste Management Program.

1982-08 Ören, T.I. (1982). Acceptance. In: Computer Modelling and Simulation: Principles of Good Practice, J. McLeod (ed.). Society for Computer Simulation. La Jolla, CA, pp. 56-57.

1982-09 Ören, T.I. (1982). [The Chairman's Column](#). ACM Simuletter, 12:1-4, 3.

1982-10 Ören, T.I., Birta, L.G., Highland, H.J. (1982). [Calendar of Events](#). Simuletter, 12:1-4, 93-97.

1982-11 Ören, T.I. (1982). [The Chairman's Column](#). ACM Simuletter, 13:1, 3.

1981

1981-01 Ören, T.I. (ed.) (1981). Proceedings of CYBERSOFT 80 – International Symposium on Cybernetics and Software. Sept. 9, 1980, Namur, Belgium International Association for Cybernetics, Namur, Belgium, 329 p. ([cover](#), [ToC](#))

1981-02 Ören, T.I., Delfosse, C.M., Shub, C.M. (eds.) (1981). [Proceedings of the 1981 Winter Simulation Conference](#), December 9-11, 1981, Atlanta, Georgia. IEEE, New York, 725 p.

- 1981-03 **Ören**, T.I. (1981). [Concepts and Criteria to Assess Acceptability of Simulation Studies: A Frame of Reference](#). CACM, 24:4, 180-189.
- 1981-04 **Ören**, T.I. (1981). Panel Discussion Presentation. In: Proceedings of the Ninth Nuclear Fuel Waste Management Information Meeting, J. Hilton Wright (ed.) Toronto, Ontario 1981 Jan. 20-21, AECL Whiteshell Nuclear Research Establishment TR-79, pp. 266-270.
- 1981-05 **Ören**, T.I. (1981). [Foundations for an Information Technology](#). Proceedings of 1981 Winter Simulation Conference, T.I. Ören, C.M. Delfosse, C.M. Shub (eds.) IEEE, New York, pp. 201-208. ([ACM Portal](#))
- 1981-06 **Ören**, T.I., Mei, D. (1981). DATAPACE (Pacemaker Database System) User's Manual, Computer Science Department, University of Ottawa, Ottawa, Ontario, 103 p..
- 1981-07 **Ören**, T.I. (1981). A Bibliography of Artificial Intelligence Techniques in Software Engineering. Technical Report TR-81-02, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1981-08 **Ören**, T.I. (1981). New Directions in System Simulation: Methodology and Software. Technical Report TR-81-09, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of 1984-05)
- 1981-09 **Ören**, T.I. (1981). User's Manual of the GEST 81. Technical Report TR-81-13, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1981-10 Cheung, T.Y., F. Fiala, L. Logrippo. J.E. Neilson, T.I. **Ören**, R.L. Probert, and J.S. Riordon (1981). A Joint Proposal – Master of Computer Science Program. Carleton University/University of Ottawa, 86p.
- 1981-11 Shemilt, L.W. et al. (1981). Second Annual Report, TAC-2. The Technical Advisory Committee (TAC) to Atomic Energy of Canada Ltd. on the Nuclear Fuel Waste Management Program. McMaster University, Hamilton, Ontario, Canada. (**Ören**, T.I. Contributed as a member of the TAC and as the Chairman of the System Analysis Subcommittee of TAC). 110 p.
- 1981-12 Poston, R.M. et al. (1981). IEEE Standard for Software Quality Assurance Plans. IEEE Std 730-1981, IEEE, New York N.Y. (T.I. **Ören** contributed as a member of the Software Engineering Standards Subcommittee of the Software Engineering Technical Committee of the IEEE Computer Society).
- 1981-13 Canadian Standards Association (1981). Data Processing - Vocabulary - Organization of Data. National Standards of Canada CAN-Z243.27.4-81. Canadian Standards Association (CSA), Rexdale, Ont., Canada. (T.I. **Ören** contributed as a member of the CSA Technical Committee on Vocabulary and the Canadian Advisory Committee on ISO/TC97/SC1.

1980

- 1980-01 **Ören**, T.I., Shub, C.M., Roth, P.F. (eds.) (1980). [Proceedings of the 1980 Winter Simulation Conference](#). Dec. 3-5, 1980, Orlando, Florida, IEEE, New York, 384 p.
- 1980-02 **Ören**, T.I., Shub, C.M., Roth, P.F. (eds.) (1980). [Simulation with Discrete Models: A State-of-the-Art View](#). IEEE, New York, 258 p. (Vol. 2 of the 1980 Winter Simulation Conference Proceedings).
- 1980-03 **Ören**, T.I. (1980). Simulation Software - Highlights of 1979. Simulation, 34:3, 76-77.

- 1980-04 **Ören**, T.I. (1980). [Assessing Acceptability of Simulation Studies](#) (Extended Abstract). In: Simulation with Discrete Models: A State-of-the-Art View, T.I. Ören, M. Shub, P.F. Roth (eds.) IEEE, New York, pp. 19-22.
- 1980-05 **Ören**, T.I., Collie, B. (1980). [Design of SEMA: A Software System for Computer-Aided Modelling and Simulation of Sequential Machines](#). In: Proc. of 1980 Winter Simulation Conf., T.I. Ören, C.M. Shub, P.F. Roth (eds.). IEEE, New York, pp. 113-123.
- 1980-06 **Ören**, T.I. (1980). Computer-Aided Modelling Systems. Technical Report TR-80-10, Computer Science Department, University of Ottawa, Ottawa, Ontario. (Preprint of B2 published in 1982)

1970s

1979

- 1979-01 Zeigler, B.P., Elzas, M.R., Klir, G.J., **Ören**, T.I. (eds.) (1979). Methodology in System Modelling & Simulation. North-Holland, Amsterdam, 537 p. (out of print).
- 1979-02 **Ören**, T.I. (1979). Concepts for Advanced Computer-Assisted Modelling. In: Methodology in Systems Modelling and Simulation, B.P. Zeigler et al. (eds.). North-Holland, pp. 29-55. (Opening Paper in the Symposium on Modelling and Simulation Methodology, Rehovot, Israel, 1978 August 13-18).
- 1979-03 **Ören**, T.I., Zeigler, B.P. (1979). Concepts for Advanced Simulation Methodologies. Simulation, 32:3, 69-82. [SAGE Journals Online](#)
- 1979-04. **Ören**, T.I., Gopalakrishnan, N., Mei, D. (1979). User's Manual for SODPAC - Software Documentation Package.
- 1979-05 **Ören**, T.I. (1979). Review of the Book, "[Theory of Modelling & Simulation](#)" by B.P. Zeigler, Wiley, New York, 1976. IEEE Transactions - Systems, Man & Cybernetics, SMC-9:1, 69.
- 1979-06 **Ören**, T.I., Boisclair, D. (1979). MOORE - Un programme pour la simulation d'un réseau d'automates finis. Proceedings of the 47th Congress of ACFAS, Montreal, P.Q., May 9-11, (Abstract).
- 1979-07 **Ören**, T.I. (1979). Simulation Quiz, Modelling. IEEE - Simulation Technical Committee Newsletter, No. 9, p. 4.
- 1979-08 **Ören**, T.I., Elzas, M.S. (eds.) (1979). Simulation Software. Newsletter of IMACS\TC3, No. 5 (July).
- 1979-09 Canadian Standards Association (1979). Data Processing - Vocabulary - Fundamental Terms. National Standards of Canada CAN3-Z243.271-79, Canadian Standards Association (CSA), Rexdale, Ont., Canada. (T.I. Ören contributed as a member of the CSA Technical Committee on Vocabulary and the Canadian Advisory Committee on ISO/TC97/SC1.

1978

- 1978-01 **Ören**, T.I. (ed.) (1978). Cybernetics & Modelling & Simulation of Large-Scale Systems. International Association for Cybernetics, Namur, Belgium, 191 p.
- 1978-02 **Ören**, T.I. (1978). Modelling, Model Manipulation and Programming Concepts in Simulation. In: Modelling, Identification and Control in Environmental Systems, G.G. Vansteenkiste (ed.). North-Holland, Amsterdam, pp. 833-842.
- 1978-03 **Ören**, T.I. (1978). A Personal View on the Future of Simulation Languages (Keynote Paper). Proceedings of the 1978 UKSC Conference on Computer Simulation, IPC Science and Technology Press, Chester, England, April 4-6, 1978, pp. 294-306.
- 1978-04 **Ören**, T.I. (1978). Rationale for Large Scale Systems Simulation Software based on Cybernetics and General Systems Theories. In: Cybernetics and Modelling and Simulation Large Scale Systems, T.I. Ören (ed.). International Association for Cybernetics, Namur, Belgium, pp. 151-179.
- 1978-05 **Ören**, T.I. (1978). Epilogue. In: Cybernetics and Modelling and Simulation of Large Scale Systems, T.I. Ören (ed.) International Association for Cybernetics, Namur, Belgium, pp. 181-189.

- 1978-06 **Ören**, T.I. (1978). Reference Manual of GEST 78 - Level 1 (A Modelling & Simulation Language for Combined Systems). Technical Report 78-02, Computer Science Department, University of Ottawa, Ontario, 54 p.
- 1978-07 **Ören**, T.I. and den Dulk, J.A. (1978). Ecological Models Expressed in GEST 78. Technical Report prepared for the Department of Theoretical Production Ecology, Dutch Agricultural University, Wageningen, The Netherlands, 110 p.
- 1978-08 **Ören**, T.I. (1978). Review of a Paper by Hann, M.L., Computers and the Production of Systematic Production Glossaries. ALLC Bulletin, 5:1 (1977), 26-37, Review appeared in ACM Computing Reviews, 19:2 (February), 53.
- 1978-09 **Ören**, T.I. (1978). Review of a Paper by B.P. Zeigler "Structuring the Organization of Partial Models," Int. J. General Systems, 4:2 (1978), 81-88, Review Appeared in ACM Computing Reviews, 19:10 (October), 423.
- 1978-10 **Ören**, T.I. (1978). IFIP TC7 - System Modelling and Optimization. CIPS Review, 2:3 (February), 17-18.
- 1978-11 **Ören**, T.I., Elzas, M.S. (eds.) (1978). Simulation Software, Newsletter of IMACS/TC3, No. 3 (Feb.).
- 1978-12 **Ören**, T.I., Elzas, M.S. (eds.) (1978). Simulation Software. Newsletter of IMACS/TC3, No. 4 (June).

1977

- 1977-01 **Ören**, T.I. (1977). Software for Simulation of Combined Continuous & Discrete Systems: A State-of-the-Art Review. Simulation, 28:2, 33-45. DOI: 10.1177/003754977702800201 ([abstract](#))
- 1977-02 **Ören**, T.I. (1977). Software Additions (Technical Note). Simulation, 29:4, 125-126.
- 1977-03 **Ören**, T.I. (1977). [Simulation - as it has been, is and should be](#). Simulation, 29:5, 182-183.
- 1977-04 **Ören**, T.I. (1977). Review of a Paper by Zucker, S.W., Toward a Model of Texture. Computer Group Image Process, 5:2 (1976 June), 190-202, Review appeared in ACM Computing Reviews, 18:11 (November), 424.
- 1977-05 **Ören**, T.I. (1977). [National Technical Information Service Documents on Simulation](#). ACM Simuletter, 8:3 (April), 53-63, (48 entries).
- 1977-06 **Ören**, T.I., Elzas, M.S. (eds.) (1977). Simulation Software. Newsletter of IMACS/TC3, No. 2 (August).
- 1977-07 **Ören**, T.I. (1977). [A List of Simulation Terms](#). ACM Simuletter, 8:4 (Summer), 63-72.
- 1977-08 **Ören**, T.I. (1977). Concepts for Advanced Computer Assisted Models. ACM Simuletter, 9:1 (Fall-Winter), 8-9.

1976

- 1976-01 **Ören**, T.I. (1976). Annotated Bibliographies of Simulation. The Society for Computer Simulation, La Jolla, California, 132 p.
- 1976-02 **Ören**, T.I. (1976). Annotated Bibliography on Simulators. Simulation, 27:6, 193-196.
- 1976-03 Baker, D. Maas, R., **Ören**, T.I. (1976). Role of Data Processing Function. Proceedings of the Symposium on Information Technology and Urban Governance, Ottawa, Ontario 1976 February 24-26, Ministry of State & Urban Affairs Canada, June, pp. 164-268.

- 1976-04 **Ören, T.I.** (1976). Efficacités de Compilation: Structures. (in French). Manuel de Séminaire. Prepared for the Central Electronic Data Processing Program, Bureau of Staff Development and Training, Public Service Commission, Ottawa, Ontario, Canada.
- 1976-05 **Ören, T.I.** (1976). Efficacités de Compilation: Optimisation. Manuel de Séminaire. (in French). Prepared for the Central Electronic Data Processing Program, Bureau of Staff Development and Training, Public Service Commission, Ottawa, Ontario, Canada.
- 1976-06 **Ören, T.I.** (1976). Facilités de Fortran. Manuel de Séminaire. (in French). Manuel de Séminaire. Prepared for the Central Electronic Data Processing Program, Bureau of Staff Development and Training, Public Service Commission, Ottawa, Ontario, Canada.
- 1976-07 **Ören, T.I.** (1976). [Subject Index of the Simulation Documents Available from NTIS](#). ACM Simuletter, 8:1 (October), 67-74.
- 1976-08 **Ören, T.I.** (ed.) (1976). Simulation Software. Newsletter of IMACS/TC3, No. 1 (Nov.).

1975

- 1975-01 **Ören, T.I.** (1975). Simulation of Time-Varying Systems. In Advances in Cybernetics and Systems, J. Rose (ed.). Gordon & Breach Science Publishers, England, pp. 1229-1238.
(Presented at the International Congress of Cybernetics and Systems at the University of Oxford, Oxford, England, 28th August - 1st September, 1972).
- 1975-02 **Ören, T.I.** (1975). Syntactic Errors of the Original Formal Definition of CSSL 1967. Technical Report 75-01, Computer Science Department, University of Ottawa, Ottawa, Ontario, 57 p. (Also in the IEEE Computer Society Repository, No. R75-78).
- 1975-03 **Ören, T.I.** (1975). [Simulation Documents Available from NTIS](#). ACM Simuletter, 6:3 (January-April), 31-40, (56 entries).
- 1975-04 **Ören, T.I.** (1975). General System Theories & Simulation of Large Scale Systems. Proceedings of the Computer Science Conference, Washington, DC, February 18-20, (Abstract).
- 1975-05 **Ören, T.I.** (1975). Les théories des systèmes généraux et la simulation des systèmes à grande échelle. Proceedings of the 43rd Congress of ACFAS, Moncton, New Brunswick, May 7-9, (Abstract).
- 1975-06 **Ören, T.I.** (1975). PLOT - Un système pour tracer des graphiques sur une imprimante. Proceedings of the 43rd Congress of ACFAS, Moncton, New Brunswick, May 7-9, (Abstract).
- 1975-07 **Ören, T.I.** (1975). Summary of the Discussions of Working Group IX. Proceedings of the 1st Canadian Conference on Applied Systems Analysis, Ottawa, Ontario, May 21-23.
- 1975-08 **Ören, T.I.** (1975). Simulation Documents Available from NTIS. ACM Simuletter, 6:4 (July), 63-72, (67 entries).
- 1975-09 **Ören, T.I.** (1975). Simulation Documents Available from NTIS. ACM Simuletter, 7:1 (October), 61-70, (71 entries).

1974

- 1974-01 **Ören, T.I.** (1974). Bibliography on Bibliographies on Modelling, Simulation and Gaming. Simulation, 23:3, 90-95.
- 1974-02 **Ören, T.I.** (1974). An Annotated Bibliography of the Periodicals on Simulation & Gaming. Simulation, 23:4, 115-116.

- 1974-03 **Ören, T.I.** (1974). Simulation of Large-Scale Adaptive Multicriteria Decision Making System by GEST. Proceedings Seventh Hawaii International Conference on System Sciences, Honolulu, Hawaii, January 8-10.
- 1974-04 **Ören, T.I.** (1974). Deductive General Systems Theories and Simulation of Large Scale Systems. Proceedings Summer Computer Simulation Conference, Houston, Texas, July 9-11, pp. 13-16.
- 1974-05 **Ören, T.I.** (1974). User's Manual of MAGE - Manual Generator. Technical Report 74-01, Computer Science Department, University of Ottawa, Ottawa, Ontario.
- 1974-06 Birta, L.G., **Ören, T.I.** (1974). A CSMP Based Programming Aid for Analog/Hybrid Computation. Proceedings Of the Computer Science Conference, Detroit, MI, February 12-14, p. 34, (Abstract).
- 1974-07 **Ören, T.I.,** Perez, A., MacInnes, J.P. and Flannery, R. (1974). SODPAC - Un Paquet de Programme pour Documenter les Programmes. Proceedings of the 42nd Congress of ACFAS (Association Canadienne Française pour l'Avancement des Sciences). Quebec City, May 8-10, p. 132.

1973

- 1973-01 **Ören, T.I.** and **Ören, C.Y.** (1973). Solution Selection Techniques for Decision-Making in Complex Systems. Proceedings of the Seminar on Multiple Criteria Decision Making, Columbia, SC, 1972, October 26-27, University of South Carolina, SC, pp. 764-767.
- 1973-02 **Ören, T.I.** (1973). Application of System Theoretic Concepts to the Simulation of Large Scale Adaptive Systems. Proceedings of the Sixth Hawaii International Conference on System Sciences, Honolulu, Hawaii, January 9-11.
- 1973-03 **Ören, T.I.** (1973). Digital Simulation Languages for Combined Systems – An Overview. Proceedings of the 1973 Summer Computer Simulation Conference, Montreal, Canada, July 17-19, pp. 346-353.
- 1973-04 **Ören, T.I.,** Carrière, D., Brodeur, R. (1973). Un Système de recherche documentaire. Proceedings of the 41st Congress of ACFAS, Montreal, Québec, May 24-25, p. 94, (Abstract).
- 1973-05 **Ören, T.I.** (1973). Un ensemble de programmes pour analyser les sous-programmes. Proceedings of the 41st Congress of ACFAS, Montreal, Québec, May 24-25, (Abstract).
- 1973-06 **Ören, T.I.** (1973). GEST Implementation. Proceedings of the ACM Annual Conference, Atlanta, Georgia, 1973, August 27-29, p. 444.4 - 445, ([Abstract](#)). [ACM Portal](#).
- 1973-07 **Ören, T.I.** (1973). A Bibliography of Computer Periodicals. Computing Reviews of ACM, 14:9 (September), 427-440, (543 entries).

1972

- 1972-01 **Ören, T.I.** (1972). Implementation of Synchronous Variables and Another Parallel Computation Feature of GEST. Proceedings of the 1972 Summer Simulation Conference, San Diego, CA, June 14-16, pp. 17-23.
- 1972-02 **Ören, T.I.** (1972). Systems Approach in Ecological System Simulation. Proceedings of the Fourth Annual International Symposium of Cybernetics, Washington, D.C. 1970, October 8-9, Spartan Books, New York, pp. 303-309.
- 1972-03 **Ören, T.I.** (1972). GEST Modelling of the Interface between Discrete Time and Continuous Time Component Systems. Newsletter of the Computer Science Association (Canada). 8:3, 8-9, (Abstract).

1972-04 Gavrel, J.C., McLellan, D., **Ören**, T.I. (1972). Simulation conversationnelle d'un système de production et d'inventaire optimisé par la programmation linéaire. Proceedings of the 40th Congress of ACFAS, Ottawa, Ontario, October 13-14, p. 83, (Abstract).

1971

1971-01 **Ören**, T.I. (1971). A Basis for the Taxonomy of Simulation Languages. Proceedings of the 1971 Summer Computer Simulation Conference, Boston, MA, July 19-21, pp. 20-23.

1971-02 **Ören**, T.I. (1971). GEST: A Combined Digital Simulation Language for Large-Scale Systems. Proceedings of the Tokyo 1971 AICA (Association Internationale pour le Calcul Analogique) Symposium on Simulation of Complex Systems, Tokyo, Japan, September 3-7, pp. B-1/1 - B-1/4.

1971-03 **Ören**, T.I. (1971). GEST: General System Theory Implementor, A Combined Digital Simulation Language. Ph.D. Dissertation, 265 p. University of Arizona, Tucson, AZ. [ACM Portal](#), [University of Arizona](#), [to download](#)

1971-04 **Ören**, T.I. (1971). GEST - Un Langage de simulation pour les systemes complexes. Proceedings of the 39th Congress of ACFAS, Sherbrooke, Quebec, October 15-16, p. 79, (Abstract).

1970

1970-01 **Ören**, T.I. (1970). Computer Languages for Digital Simulation of Continuous Systems. Abstracts of the International Symposium on Digital Computer Applications in Engineering Sciences. The Institute of Computer Science, Technical University of Istanbul, Turkey, October 14-17, p. 2, (Abstract).

1960s

1969

1969-01 **Ören, T.I.** (1969). Geometric Programming. Integral, 1:4, 19-52. (In Turkish)

1967

1967-01 **Ören, T.I.** (1967). New Methods in Project Management: CPM and PERT. Banking Journal, 4:4, 46-59. (In Turkish)

1967-02 **Ören, T.I.** (1967). Inventory Problems in Operations Research. Banking Journal, No. 8, pp. 43-48. (In Turkish)

1967-03 **Ören, T.I.** (1967). A Simulation Model for Subsidy Policy Determination in the Canadian Uranium Mining Industry. Abstract of Paper published in CORS Journal, No. 3, 1965. Published by Executive Sciences Institute, Inc.

1966

1966-01 **Ören, T.I.** (1966). A New Approach for Processing Financial Data in Organizations. Management Journal (Sevk ve Idare Dergisi), No. 3, pp. 43-46. (In Turkish)

1966-02 **Ören, T.I.** (1966). Mathematical Methods for Decision Making. Journal of Technical School of Istanbul, No. 20-21, (Reprinted in Banking Journal, No. 12, pp. 43-46). (In Turkish)

1966-03 **Ören, T.I.** (1966). Electronic Data Processing Systems and Programming Languages. Two chapters of: Operations Research in Organizations, F. Gülçür, Istanbul, Turkey. (In Turkish)

1964

1964-01 **Ören, T.I.** (1964). Electronic Computers. Life Encyclopedia (Hayat Ansiklopedisi), No. 36. (In Turkish)

1964-02 Anık, Selâhaddin, T. **Ören** (1964). Resistance Welding of Wrought Aluminum Alloys. (Translated from English with the Permission of the Aluminum Development Association). Monograph No. 16, Dövme alüminyum alaşımlarının elektrik direnç kaynağı, Turkish Welding Association, Istanbul, Turkey. (In Turkish)

1963

1963-01 **Ören, T.I.** (1963). Cotton and Orlon Blends in Yarns. (Translated from English). Textile Journal (Mensucat Meslek Dergisi), No. 4. (In Turkish)

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

1962

1962-01 **Ören, T.I.** (1962). Short-cut for Better Blending of Cotton. (Translated from English). Textile Journal (Mensucat Meslek Dergisi), No. 10. (In Turkish)

1961

1961-01 **Ören, T.I.** (1961). Methods to Determine the Length and The Variation of the Length of Cotton Fiber. Textile Journal (Mensucat Meslek Dergisi), No. 5-6. (In Turkish)

1961-02 Anık, Selâhaddin, T. **Ören** (1961). Standard Methods for Mechanical Testing of Welds. (Translated from English by the Permission of the American Welding Association). Monograph No. 9, Turkish Welding Association, Istanbul, Turkey. (In Turkish)

- 1961-03 **Ören**, T.I. (1961). Citizen in the Modern World. (Translated from English). Youth (Gençlik), 5:5.
- 1961-04 **Ören**, T.I. (1961). Education and Economic Growth. (Translated from English). Youth (Gençlik), 5:6 (Feb.), 10. (In Turkish)