

Publications of Dr. Tuncer Ören

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

updated: 2023-11-11
(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	(1)						59 (1)	605 + (1)

(*) (in press, in preparation)

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	3	9	5	3	2	1	59	244
2000s	6	5	6	6	11	14	13	10	9	19	99	343
2010s	12	10	16	11	8	7	10	10	10	6	100	443
2020s	8	6	5	24	(1)						43 + (1)	486 + (1)

(*) (in press, in preparation)

2024 In Preparation

Singh, Mayank, Levent Yilmaz, Tuncer Ören (Invited guest editors) (2024). Special Issue on: “Generative AI, Modeling and Simulation, Data Science, and Ethics” of the [Journal of Data Science and Intelligent Systems](#) (Open access). Bon View Publishing Pte Ltd. ([Call for Papers](#) – Submission deadline: 15 February 2024, poster)

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. Tolc.** 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. Tolc.** 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. Tolc.** 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. Tolc.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. [pp. 297-309](#).
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- 2023-20 **Ören, T.** (2023). [Appendix A2 - Dictionaries of Modeling and Simulation \(M&S\), Cybernetics, and Systems](#). **Ören, T., B. Zeigler, A. Tolc.** 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. Tolc.** Body of Knowledge for Modeling and Simulation A Handbook by the Society of Modeling and Simulation International. Springer Cham, Switzerland. [pp. 504-512](#).
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- 2023-22 B.P. Zeigler, T. **Ören**, A. Tolc (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)
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- 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](#))
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- 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](#))
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- 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.
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- 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.
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- 2022-09 **Ören**, T. (2022-In Turkish). [Türkçenin Varsıllığı: Bazı Kanıtlar ve Kimler Katkıda Bulunabilir?](#) TURK Internet.com, 27 Kasım 2022.

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- 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 yararır](#). TBD Bilişim Kültürü Dergisi, Köşe yazısı, Yıl: 2021 - Nisan - Sayı: 1 (185), sayfa 10-13.
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- 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](#))

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- 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)*
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The following autobiographical publication is prepared for the fiftieth anniversary of the graduation of the class of 1955 from my high school Galatasaray Lisesi

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