Ni / Xiao / Yinan

Intelligent Simulation

38th China Simulation Conference, CSC 2026, Changzhou, China, October 16-18, 2026, Proceedings, Part I

This 2-volume set CCIS 3155 - 3156 constitutes the proceedings of the 38th China Simulation Conference, CSC 2026, held in Changzhou, China, during October 16-18, 2026.The total of 67 papers included in the proceedings was carefully reviewed and selected from 334 submissions. They were organized in topical sections as follows: Part 1 : Basic theories and methods of simulation science and engineering; Modeling and simulation of complex systems/systems-of-systems, control theory and applications; Modeling and simulation of integrated natural environments and virtual reality environments; Multi-agent simulation and large model agent simulation (LLM-Agent); Physics-informed machine learning, world models, and generative simulation; Parallel and distributed simulation, high-performance simulation, cloud simulation, and edge simulation; Simulation model verification and validation (V&V) technologies.

Part 2 : Simulation standards, simulation tools, simulation support environments, simulation systems, and simulators; CAE, virtual prototyping, and model-based systems engineering (MBSE); Discrete event system simulation, logistics simulation, production line simulation, and supply chain simulation; Control theory and applications, intelligent simulation optimization and scheduling, industrial internet and simulation, green manufacturing and simulation, intelligent manufacturing and simulation; Control theory and applications, intelligent simulation optimization and scheduling, industrial internet and simulation, green manufacturing and simulation, intelligent manufacturing and simulation; Other new theories, methods, and technologies related to simulation.

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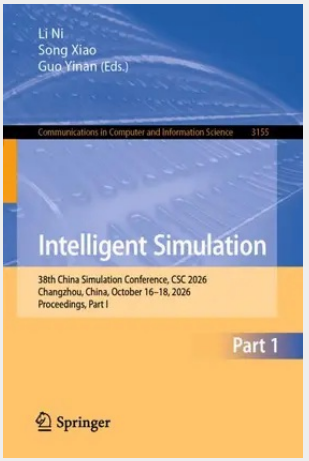

140,50 €
140,50 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9789819257119
Medium: Buch
ISBN: 978-981-9257-11-9
Verlag: Springer Nature B.V.
Erscheinungstermin: 08.10.2026
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2026
Serie: Springer
Produktform: Kartoniert
Gewicht: 885 g
Seiten: 577
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)