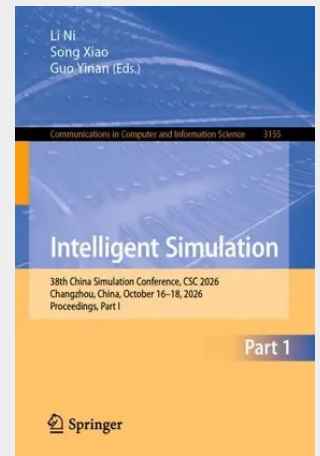


Intelligent Simulation

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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