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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 13190
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Soggetti	Artificial intelligence Computer engineering Computer networks Application software Computer science Artificial Intelligence Computer Engineering and Networks Computer and Information Systems Applications Theory of Computation
Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	PanSim + Sim-2APL: A Framework for Large-Scale Distributed Simulation with Complex Agents -- Implementing Ethical Governors in BDI -- A Unifying Framework for Agency in Hypermedia Environments -- Multiagent Foundations for Distributed Systems: A Vision -- An Epistemic Logic for Modular Development of Multi-Agent Systems -- Attention Guidance Agents with Eye-tracking: A Use-case Based on the MATBII Cockpit Task -- StreamB: A Declarative Language for Automatically Processing Data Streams in Abstract Environments for Agent Platforms -- BDI for Autonomous Mobile Robot Navigation -- An Appraisal Transition System for Event-driven Emotions in Agent-based Player Experience Testing -- Developer Operations and Engineering Multi-Agent Systems -- Smart Cyber-physical System-of-Systems

using Intelligent Agents and MAS -- Formal Verification of a Map Merging Protocol in the Multi-Agent Programming Contest -- Analysis of the Execution Time of the Jason BDI Reasoning Cycle -- Autonomous Economic Agent Framework.-Seamless Integration and Testing for MAS Engineering -- Engineering Explainable Agents: An Argumentation-Based Approach -- TPO: A Type System for the Architecture of Agent Societies -- A Practical Framework for General Dialogue-based Bilateral Interactions -- Implementing Durative Actions with Failure Detection in Gwendolen -- Concept Description and Definition Extraction for the ANEMONE System -- GenGPT: a Systematic Way to Generate Synthetic Goal-Plan Trees.

Sommario/riassunto

This book constitutes revised selected papers from the 9th International Workshop on Engineering Multi-Agent Systems, EMAS 2021, which was held during May 3-4, 2021. The conference was initially planned to take place in London, UK, but changed to an online event due to the COVID-19 pandemic. The 20 full papers and 1 short paper included in this volume were carefully reviewed and selected from a total of 27 submissions. The contributions deal with agent-oriented software engineering, programming multi-agent systems, declarative agent languages and technologies, artificial intelligence, and machine learning.
