

| | |
|-------------------------|---|
| 1. Record Nr. | UNISA996565866103316 |
| Titolo | Engineering Multi-Agent Systems : 11th International Workshop, EMAS 2023, London, UK, May 29-30, 2023, Revised Selected Papers // Andrei Ciortea, Mehdi Dastani, and Jieting Luo, editors |
| Pubbl/distr/stampa | Cham, Switzerland : , : Springer, , [2023] ©2023 |
| ISBN | 3-031-48539-4 |
| Edizione | [First edition.] |
| Descrizione fisica | 1 online resource (281 pages) |
| Collana | Lecture Notes in Computer Science Series ; ; Volume 14378 |
| Disciplina | 006.3 |
| Soggetti | Artificial intelligence |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Agent-Oriented Software Engineering -- Towards Forward Responsibility in BDI Agents -- Imperative and Event-Driven Programming of Interoperable Software Agents -- vGOAL: a GOAL-based Specification Language for Safe Autonomous Decision-Making -- Agents and Microservices -- Protocol-Based Engineering of Microservices -- Exploiting Service-Discovery and OpenAPI in Multi-Agent MicroServices (MAMS) Applications -- Using Multi-Agent MicroServices (MAMS) for Agent-Based Modelling -- Strategy, Reasoning, and Planning -- Dynamics of Causal Dependencies in Multi-agent Settings -- Multi-armed Bandit Based Tariff Generation Strategy for Multi-Agent Smart Grid Systems -- Load Balancing in Distributed Multi-Agent Path Finder (DMPF) -- Engineering Domains and Applications -- A Multi-Agent Approach for Decentralized Voltage Regulation in Micro Grids by Considering Distributed Generators -- Synthesizing Multi-agent System Organization from Engineering Descriptions -- Towards Developing Digital Twin Enabled Multi-Agent Systems -- Agents in Hypermedia Environments -- Towards Context-based Authorizations for Interactions in Hypermedia-driven Agent Environments — The CASHMERE Framework -- Towards Context-based Authorizations for Interactions in Hypermedia -- Pody: A Solid-based Approach to Embody Agents in Web-based Multi-Agent Systems -- Frameworks, Tooling, and DevOps -- Fantastic MASs and where to find |

them: First results and lesson learned -- The Entity-Operation Model for Practical Multi-entity Deployment -- Remote Deployment of a JADE Agent in Docker.

Sommario/riassunto

This book constitutes revised selected papers from the 11th International Workshop on Engineering Multi-Agent Systems, EMAS 2023, which was held in London, UK, during May 29–30, 2023. The 11 full papers and 7 short papers included in this volume were carefully reviewed and selected from a total of 25 submissions. They were organized in topical sections as follows: agent-oriented software engineering; agents and microservices; strategy, reasoning, and planning; engineering domains and applications; agents in hypermedia environments; frameworks, tooling, and devops.
