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Collana	Lecture Notes in Artificial Intelligence ; ; 7598
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Soggetti	Artificial intelligence Computers and civilization Information storage and retrieval Application software Computer simulation Optical data processing Artificial Intelligence Computers and Society Information Storage and Retrieval Information Systems Applications (incl. Internet) Simulation and Modeling Computer Imaging, Vision, Pattern Recognition and Graphics Conference proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Invited Talk: Human-Agent Teamwork in Cyber Defense -- Invited Talk: 25 Years of Distributed AI in Germany: From the Very Beginnings to Multiagent Applications in Industry in Germany Today -- Exploiting Dynamic Weaving for Self-managed Agents in the IoT -- Distributed Learning of Best Response Behaviors in Concurrent Iterated Many-Object Negotiations -- Gaining a Better Quality Depending on More Exploration in PSO -- Evolutionary Dynamics of Ant Colony Optimization -- Human-Agent Teamwork in Cyber Operations:

Supporting Co-evolution of Tasks and Artifacts with Luna -- A Novel Strategy for Efficient Negotiation in Complex Environments -- Selfish Road Users – Case Studies on Rule Breaking Agents for Traffic Simulation -- Modelling Emotional Trajectories of Individuals in an Online Chat -- Using Time as a Strategic Element in Continuous Double Auctions -- Goal Delegation without Goals: BDI Agents in Harmony with OCMAS Principles -- A Multi-robot Coverage Approach Based on Stigmergic Communication -- Multi-Agent Systems Applied to the Field of Ornamental Plants -- An Argumentation-Based Approach to Cooperative Multi-source Epistemic Conflict Resolution -- The Importance of Being Accurate in Agent-Based Models – An Illustration with Agent Aging.

Sommario/riassunto

This book constitutes the proceedings of the 10th German Conference on Multiagent System Technologies held in Trier Germany, in October 2012. The 7 revised full papers presented together with 6 short papers and one invited paper were carefully reviewed and selected from 39 submissions. The paper cover various research topics in intelligent agents and multi-agent-systems. In particular, the conference investigated technologies for truly open distributed systems covering a wide spectrum of approaches from self-organization and autonomous systems to agreement computing.
