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Collana	Lecture Notes in Artificial Intelligence ; ; 7784
Disciplina	006.3
Soggetti	Artificial intelligence Computer logic Software engineering Computer science Artificial Intelligence Logics and Meanings of Programs Software Engineering Computer Science, general
Lingua di pubblicazione	Inglese
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Nota di contenuto	Invited Papers -- Handling Change in Normative Specifications -- Latest Developments of WADE to Support User-Centric Business Processes -- Strong Planning in the Logics of Communication and Change -- Agent Deliberation via Forward and Backward Chaining in Linear Logic -- Contributed Papers -- Automatic Generation of Self-monitoring MASs from Multiparty Global Session Types in Jason -- A Generalized Commitment Machine for 2CL Protocols and Its Implementation -- Solving Fuzzy Distributed CSPs: An Approach with Naming Games -- Commitment Protocol Generation -- Goal-Based Qualitative Preference Systems -- SAT-Based BMC for Deontic Metric Temporal Logic and Deontic Interleaved Interpreted Systems -- Position Papers -- Some Thoughts about Commitment Protocols (Position Paper) -- Semantic Web and Declarative Agent Languages and Technologies:

Current and Future Trends (Position Paper) -- Designing and Implementing a Framework for BDI-Style Communicating Agents in Haskell (Position Paper).

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the 10th International Workshop on Declarative Agent Languages and Technologies, DALT 2012, held in conjunction with the 11th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2012) at Valencia, Spain, in June 2012. The volume contains 13 revised selected presented at DALT 2012. The papers cover the following topics: declarative languages and technologies, computational logics, declarative approaches to engineering agent-based systems, models of business interactions among agents, and models of trust, commitments, and reputation for agents.
