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Collana	Lecture Notes in Artificial Intelligence ; ; 5442
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Soggetti	Artificial intelligence Computer science
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Planning for Interactions among Autonomous Agents -- Planning for Interactions among Autonomous Agents -- Agent Programming Languages -- Exploring Heuristic Action Selection in Agent Programming -- Programming Verifiable Heterogeneous Agent Systems -- Orwell's Nightmare for Agents? Programming Multi-agent Organisations -- Jazzyk: A Programming Language for Hybrid Agents with Heterogeneous Knowledge Representations -- Multi-agent Systems Frameworks -- PRESAGE: A Programming Environment for the Simulation of Agent Societies -- An Organisational Platform for Holonic and Multiagent Systems -- A Complete-Computerised Delphi Process with a Multi-Agent System -- Agent Environments and Tools -- How Situated Is Your Agent? A Cognitive Perspective -- An Awareness Model for Agents in Heterogeneous Environments -- Infrastructure for Forensic Analysis of Multi-Agent Systems -- Toolipse: An IDE for Development of JIAC Applications -- Kerberos-Based Secure Multiagent Platform -- Agent Contest -- Agent Contest Competition: 4th Edition -- AC08 System Description -- Herding Agents - JIAC TNG in Multi-

Agent Programming Contest 2008 -- On Herding Artificial Cows: Using Jadex to Coordinate Cowboy Agents -- Using Jason and oise ?+? to Develop a Team of Cowboys -- Dublin Bogtrotters: Agent Herders -- SHABaN Multi-agent Team To Herd Cows.

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Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 6th International Workshop on Programming Multi-Agent Systems, ProMAS 2008, held in Estoril, Portugal, in May 2008 as an associated event of AAMAS 2008, the 7th International Joint Conference on Autonomous Agents and Multiagent Systems. The 12 revised full papers presented together with 1 invited lecture address current issues in the areas of agent platforms, environment and interaction, agent programming languages, and analysis of MAS. The papers are organized in topical sections on agent programming languages, multi-agent systems frameworks, as well as agent environments and tools. The volume is concluded with a selection of 6 short papers related to the Agent Contest 2008 that has been organized since 2006 in conjunction with ProMAS.

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