

1. Record Nr.	UNISA996466336103316
Titolo	Intelligent Agents and Multi-Agent Systems [[electronic resource]] : 5th Pacific Rim International Workshop on Multi-Agents, PRIMA 2002, Tokyo, Japan, August 18-19, 2002. Proceedings / / edited by Kazuhiro Kuwabara, Jaeho Lee
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
ISBN	3-540-45680-5
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (X, 230 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 2413
Disciplina	006.3
Soggetti	Artificial intelligence Software engineering Computer logic Computer communication systems Artificial Intelligence Software Engineering Logics and Meanings of Programs Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Architecture, Models, and Mechanisms -- An Architecture for Normative Reactive Agents -- A Real-Time Agent Architecture: Design, Implementation and Evaluation -- Individual Level Analysis Using Decision Making Features in Multiagent Based Simulation -- False-Name-Proof Multi-unit Auction Protocol Utilizing Greedy Allocation Based on Approximate Evaluation Values -- Coordination, Negotiation, and Organization -- Developing Alternative Mechanisms for Multiagent Coordination -- An Operational Semantics for Negotiating Agents -- An Organizational Metamodel for the Design of Catalogues of Communicative Actions -- Principles for Dynamic Multi-agent Organizations -- Agent-Based Interface -- Conducting the Disambiguation Dialogues between Software Agent Sellers and Human

Buyers -- Mutual Learning of Mind Reading between a Human and a Life-Like Agent -- Automatic Short Story Generator Based on Autonomous Agents -- Meta-level Architecture for Executing Multi-agent Scenarios -- Applications -- Application-Oriented Flow Control in Agent-Based Network Middleware -- Continuous Truck Delivery Scheduling and Execution System with Multiple Agents -- Designing Agents for Context-Rich Textual Information Tasks.

Sommario/riassunto

Autonomous agents and multi-agent systems are computational systems in which several (semi-)autonomous agents interact with each other or work together to perform some set of tasks or satisfy some set of goals. These systems may involve computational agents that are homogeneous or heterogeneous, they may involve activities on the part of agents having common or distinct goals, and they may involve participation on the part of humans and intelligent agents. This volume contains selected papers from PRIMA 2002, the 5th Pacific Rim International Workshop on Multi-Agents, held in Tokyo, Japan, on August 18–19, 2002 in conjunction with the 7th Pacific Rim International Conference on Artificial Intelligence (PRICAI-02). PRIMA is a series of workshops on autonomous agents and multi-agent systems, integrating activities in the Asian and Pacific Rim countries. PRIMA 2002 built on the great success of its predecessors, PRIMA'98 in Singapore, PRIMA'99 in Kyoto, Japan, PRIMA 2000 in Melbourne, Australia, and PRIMA 2001 in Taipei, Taiwan. We received 35 submissions to this workshop from 10 countries. Each paper was reviewed by three internationally renowned program committee members. After careful reviews, 15 papers were selected for this volume. We would like to thank all the authors who submitted papers to the workshop. We would also like to thank all the program committee members for their splendid work in reviewing the papers. Finally, we thank the editorial staff of Springer-Verlag for publishing this volume in the Lecture Notes in Artificial Intelligence.
