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	Altri autori (Persone)	GleizesMarie-Pierre OmiciniAndrea <1965-> ZambonelliFranco <1966->
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	Nota di contenuto	Roles, Organizations and Institutions for Agents -- Organizations as Socially Constructed Agents in the Agent Oriented Paradigm -- Virtual Enterprise Normative Framework Within Electronic Institutions -- Virtual Knowledge Communities for Corporate Knowledge Issues -- Achieving Competence by Argumentation on Rules for Roles -- Participation Components for Holding Roles in Multiagent Systems Protocols -- Semantically Federating Multi-agent Organizations -- Social Issues in Multi-agent Systems -- T-Compound Interaction and Overhearing Agents -- Managing Conflicts Between Individuals and Societies in Multi-agent Systems -- Motivation-Based Selection of

Negotiation Opponents -- Modelling Flexible Social Commitments and Their Enforcement -- DIAGAL: A Generic ACL for Open Systems -- Using Social Power to Enable Agents to Reason About Being Part of a Group -- Cooperation and Collective Behaviours in Agent Societies -- Strategies for Distributing Goals in a Team of Cooperative Agents -- Collectively Cognitive Agents in Cooperative Teams -- Cooperative Agent Model Instantiation to Collective Robotics -- From Self-Organized Systems to Collective Problem Solving -- Methodologies and Platforms for Agent-Oriented Engineering -- A Sample Application of ADELFE Focusing on Analysis and Design The Mechanical Synthesis Problem -- SONIA: A Methodology for Natural Agent Development -- Deployment of Distributed Multi-agent Systems -- Using Stand-in Agents in Partially Accessible Multi-agent Environment -- Agent-Oriented Simulation -- Controlled Experimentation with Agents — Models and Implementations -- Techniques for Analysis and Calibration of Multi-agent Simulations -- Models for Multi-agent Systems -- Engineering Stable Multi-agent Systems -- Welfare Engineering in Practice: On the Variety of Multiagent ResourceAllocation Problems.

Sommario/riassunto

The ?rst workshop “Engineering Societies in the Agents World” (ESAW) was held in August 2000, in conjunction with the 14th European Conference on Arti?cial Intelligence (ECAI 2000) in Berlin. It was launched by a group of - searchers who thought that the design and development of MASs (multi-agent systems) not only needed adequate theoretical foundations but also a call for new techniques, methodologies and infrastructures to develop MASs as arti?cial societies. The second ESAW was co-located with the European Agent Summer School (ACAI 2001) in Prague, and mostly focused on logics and languages, middleware, infrastructures and applications. In Madrid, the third ESAW c- centrated on models and methodologies and took place with the “Cooperative Information Agents” workshop (CIA 2002). The fourth ESAW in London was the ?rst one that ran as a stand-alone event: apart from the usual works on methodologies and models, it also stressed the issues of applications and m- tidisciplinary models. Based on the success of previous ESAWs, and also given that the di?cult challenges in the construction of arti?cial societies are not yet fully addressed, the ?fth ESAW workshop was organized in the same spirit as its predecessors. Inparticular, ESAW2004tookplaceattheIRITlaboratoryoftheUniversit´ e “Paul Sabatier” (Toulouse, France), at the end of October 2004. It was not - located with any other scienti?c event, in the same way as ESAW 2003. ESAW 2004 remained committed to the use of the notion of MASs as the seeds for animated, constructive and highly interdisciplinary discussions about techno- gies, methodologiesandtoolsfortheengineeringofcomplexdistributedsystems.