Invited Talks

The Immergence of Norms in Agent Worlds p. 1
Thinking Integral: How to Build Complex Systems That Live with People and Exhibit Collective Intelligence p. 15

Self-organisation

A Space-Based Generic Pattern for Self-Initiative Load Balancing Agents p. 17
A Goal-Oriented Approach for Modelling Self-organising MAS p. 33
Engineering Agent Organisations in a Business Environment p. 49
Peer-to-Peer Overlay, Network Based on Swarm Intelligence p. 65

Software-Engineering and Architectures

Agent Architectures for Compliance p. 68
Incorporating BDI Agents into Human-Agent Decision Making Research p. 84
Programming Organization-Aware Agents: A Research Agenda p. 98
Energy Trade-Offs in Resource-Constrained Multi-Agent Systems p. 113

Social Aspects of Agent Societies

Engineering Social Reality with Inheritance Relations p. 116
Determining the Trustworthiness of New Electronic Contracts p. 132
Trust Based Evaluation of Wikipedia’s Contributors p. 148
Evolutionary Role Model for Multi-Agent Systems p. 162

Organisation and Autonomy

Replication Based on Role Concept for Multi-Agent Systems p. 165
Knowledge Management in Role Based Agents p. 181
Balancing Organizational Regulation and Agent Autonomy: An MDE-Based Approach p. 197
Cooperative Sign Language Tutoring: A Multiagent Approach p. 213
Assistance Layer in a P2P Scenario p. 229
Navigational Web-Interfaces from Formal Tropos Specification p. 233

Demonstrations

ALIVE: A Framework for Flexible and Adaptive Service Coordination p. 236
An Organisational Adaptation Simulator for P2P Networks p. 243
PreSage-MS: Metric Spaces in PreSage p. 247
Normative Multi-Agent Organizations: A Programming Language and Its Interpreter p. 250
Hybrid Teams in Virtual Environments: Samurai Joins the Training Team p. 254
Joint Activity Testbed: Blocks World for Teams (BW4T) p. 257

Author Index