

Table of Contents

Invited Talk

Multi-Agent-Based Simulation: Why Bother? <i>Scott Moss, Emma Norling</i>	1
--	---

Coalition Emergence

PartNET++: Simulating Multiple Agent Partnerships Using Dependence Graphs <i>Júlio de Lima do Rego Monteiro, Jaime Simão Sichman</i>	14
Analysing Partner Selection Through Exchange Values <i>Maira Ribeiro Rodrigues, Michael Luck</i>	24

Theories and Models

Automatic Tuning of Agent-Based Models Using Genetic Algorithms <i>Benoît Calvez, Guillaume Hutzler</i>	41
Formal Interpretation and Analysis of Collective Intelligence as Individual Intelligence <i>Tibor Bosse, Jan Treur</i>	58
An Artificial Maieutic Approach for Eliciting Experts' Knowledge in Multi-agent Simulations <i>François Sempé, Minh Nguyen-Duc, Stanislas Boissau, Alain Boucher, Alexis Drogoul</i>	75
Predictability for Autonomous Decision Support <i>Francisco Coelho, Helder Coelho</i>	88

Applications

Analyzing Police Patrol Routes by Simulating the Physical Reorganization of Agents <i>Adriano Melo, Mairon Belchior, Vasco Furtado</i>	99
Agent-Based Geo-simulation to Support Human Planning and Spatial Cognition <i>Nabil Sahli, Bernard Moulin</i>	115

Modeling Non-linear Common-Pool Resource Experiments with Boundedly Rational Agents <i>Eva Ebenhöh</i>	133
Tax Compliance in a Simulated Heterogeneous Multi-agent Society <i>Luis Antunes, João Balsa, Paulo Urbano, Luis Moniz, Catarina Roseta-Palma</i>	147
Environments	
Agent Transport Simulation for Dynamic Peer-to-Peer Networks <i>Evan A. Sultanik, Maxim D. Peysakhov, William C. Regli</i>	162
Visual Modeling for Complex Agent-Based Simulation Systems <i>Candelaria Sansores, Juan Pavón, Jorge Gómez-Sanz</i>	174
Author Index	191