Conference Papers By Year

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Below, the conference & workshop papers published by Andrea Omicini between 1991 and 2018, ordered by year of publication.

2018

Giovanni Ciatto, Roberta Calegari, Stefano Mariani, Enrico Denti, Andrea Omicini
*From the Blockchain to Logic Programming and Back: Research Perspectives*
WOA 2018 – 19th Workshop "From Objects to Agents", CEUR Workshop Proceedings 2215, June 2018

Roberta Calegari, Giovanni Ciatto, Stefano Mariani, Enrico Denti, Andrea Omicini
*Logic Programming in Space-Time: The Case of Situatedness in LPaaS*
WOA 2018 – 19th Workshop "From Objects to Agents", CEUR Workshop Proceedings 2215, June 2018

Giovanni Ciatto, Stefano Mariani, Andrea Omicini, Franco Zambonelli, Maxime Louvel
*Twenty Years of Coordination Technologies: State-of-the-Art and Perspectives*
Coordination Models and Languages, Lecture Notes in Computer Science 10852, 2018

Roberta Calegari, Giovanni Ciatto, Stefano Mariani, Enrico Denti, Andrea Omicini
*Micro-intelligence for the IoT: SE Challenges and Practice in LPaaS*
2018 IEEE International Conference on Cloud Engineering (IC2E 208), 17-20 April 2018

2017

Roberta Calegari, Enrico Denti, Stefano Mariani, Andrea Omicini
*Logic Programming as a Service (LPaaS): Intelligence for the IoT*
2017 IEEE 14th International Conference on Networking, Sensing and Control (ICNSC 2017), May 2017

Alessandro Ricci, Mirko Viroli, Andrea Omicini, Stefano Mariani, Angelo Croatti, Danilo Pianini
*Spatial Tuples: Augmenting Physical Reality with Tuple Spaces*

Stefano Mariani, Andrea Omicini, Giovanni Ciatto
*Novel Opportunities for Tuple-based Coordination: XPath, the Blockchain, and Stream Processing*
WOA 2017 – “18th Workshop "From Objects to Agents", CEUR Workshop Proceedings 1867, June 2017

Giovanni Ciatto, Stefano Mariani, Andrea Omicini
*Programming the Interaction Space Effectively with ReSpecTX*
Intelligent Distributed Computing XI, Studies in Computational Intelligence 737, 2017

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2016

Roberta Calegari, Enrico Denti, Agostino Dovier, Andrea Omicini
Labelled Variables in Logic Programming: Foundations

Roberta Calegari, Enrico Denti, Stefano Mariani, Andrea Omicini
Towards Logic Programming as a Service: Experiments in tuProlog

Sara Montagna, Andrea Omicini, Francesco Degli Angeli, Michele Donati
Towards the Adoption of Agent-Based Modelling and Simulation in Mobile Health Systems for the Self-Management of Chronic Diseases

Stefano Mariani, Andrea Omicini
Game Engines to Model MAS: A Research Roadmap

Andrea Omicini, Franco Zambonelli
Challenges of Decentralized Coordination in Large-scale Ubicomp Systems
Ubicomp/ISWC’16 Adjunct, 12-16 September 2016

Stefano Mariani, Andrea Omicini
Multi-paradigm Coordination for MAS: Integrating Heterogeneous Coordination Approaches in MAS Technologies

2015

Stefano Mariani, Andrea Omicini
Anticipatory Coordination in Socio-technical Knowledge-intensive Environments: Behavioural Implicit Communication in MoK
AI*IA 2015, Advances in Artificial Intelligence, Lecture Notes in Computer Science 9336, 23-25 September 2015

Andrea Omicini, Giancarlo Fortino, Stefano Mariani
Blending Event-Based and Multi-Agent Systems around Coordination Abstractions
Coordination Models and Languages, Lecture Notes in Computer Science 9037, 2-4 June 2015

Stefano Mariani, Andrea Omicini, Luca Sangiorgi
Models of Autonomy and Coordination: Integrating Subjective & Objective Approaches in Agent Development Frameworks
Intelligent Distributed Computing VIII, Studies in Computational Intelligence 570, 2015

Andrea Omicini
Event-Based vs. Multi-Agent Systems: Towards a Unified Conceptual Framework

Sara Montagna, Andrea Omicini, Danilo Pianini
Extending the Gillespie’s Stochastic Simulation Algorithm for Integrating Discrete-Event and Multi-Agent Based Simulation
13th International Workshop on Multi-Agent-Based Simulation (MABS 2015), May 2015

Andrea Omicini, Franco Zambonelli
Coordination of Large-Scale Socio-technical Systems: Challenges and Research Directions
### 2015

Sara Montagna, Andrea Omicini, Danilo Pianini

**A Gillespie-based Computational Model for Integrating Event-driven and Multi-Agent Based Simulation**

14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), 4-8 May 2015

Roberta Calegari, Enrico Denti, Andrea Omicini

**Labelled Variables in Logic Programming: A First Prototype in tuProlog**


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### 2014

Stefano Mariani, Hong-Linh Truong, Georgiana Copil, Andrea Omicini, Schahram Dustdar

**Coordination-aware Elasticity**


Stefano Mariani, Andrea Omicini

**TuCSoN Coordination for MAS Situatedness: Towards a Methodology**


Stefano Mariani, Andrea Omicini

**Coordination in Situated Systems: Engineering MAS Environment in TuCSoN**

Internet and Distributed Computing Systems, Lecture Notes in Computer Science 8729, 22-24 September 2014

Giovanni Sartor, Andrea Omicini

**The Autonomy of Automated Systems**

Autonomous Weapons Systems – Law, Ethics, Policy, April 2014

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### 2013

Stefano Mariani, Andrea Omicini

**Probabilistic Embedding: Experiments with Tuple-based Probabilistic Languages**

28th ACM Symposium on Applied Computing (SAC 2013), 18-22 March 2013

Ambra Molesini, Andrea Omicini, Mirko Virol, Franco Zambonelli

**Engineering Pervasive Multiagent Systems in SAPERE**

1st International Workshop "Engineering Multi-Agent Systems" (EMAS 2013), 6-7 May 2013

Stefano Mariani, Andrea Omicini

**Tuple-based Coordination of Stochastic Systems with Uniform Primitives**

WOA 2013 – From Objects to Agents, Proceedings of the 14th Workshop “From Objects to Agents”, co-located with the 13th Conference of the Italian Association for Artificial Intelligence (AI*IA 2013), CEUR Workshop Proceedings 1099, 2-3 December 2013

Andrea Omicini, Stefano Mariani

**Coordination for Situated MAS: Towards an Event-driven Architecture**

International Workshop on Petri Nets and Software Engineering (PNSE’13), CEUR Workshop Proceedings 989, 24-25 June 2013

Stefano Mariani, Andrea Omicini

**Promoting Space-Aware Coordination, ReSpecT as a Spatial-Computing Virtual Machine**
6th International Spatial Computing Workshop (SCW 2013), 6 May 2013

Stefano Mariani, Andrea Omicini
Probabilistic Modular Embedding for Stochastic Coordinated Systems
Coordination Models and Languages, Lecture Notes in Computer Science 7890, June 2013

Andrea Omicini, Pierluigi Contucci
Complexity and Interaction: Blurring Borders between Physical, Computational, and Social Systems. Preliminary Notes

Stefano Mariani, Andrea Omicini
MoK: Stigmergy Meets Chemistry to Exploit Social Actions for Coordination Purposes
Social Coordination: Principles, Artefacts and Theories (SOCIAL.PATH), 3-5 March 2013

Stefano Mariani, Andrea Omicini
TuCSoN on Cloud: An Event-driven Architecture for Embodied / Disembodied Coordination
Algorithms and Architectures for Parallel Processing, Lecture Notes in Computer Science 8286, December 2013

Stefano Mariani, Andrea Omicini
Space-aware Coordination in ReSpecT
WOA 2013 – From Objects to Agents. Proceedings of the 14th Workshop “From Objects to Agents”, co-located with the 13th Conference of the Italian Association for Artificial Intelligence (AI*IA 2013), CEUR Workshop Proceedings 1099, 2-3 December 2013

Andrea Omicini
Nature-inspired Coordination for Complex Distributed Systems
Intelligent Distributed Computing VI, Studies in Computational Intelligence 446, 2013

2012

Marco Alberti, Andrea Omicini
Towards the Analysis & Prediction of Complex System Behaviour in SAPERE
1st International Workshop on Adaptive Service Ecosystems: Natural and Socially Inspired Solutions (ASENSIS 2012), 10 September 2012

Stefano Mariani, Andrea Omicini
Self-Organising News Management: The Molecules of Knowledge Approach
1st International Workshop on Adaptive Service Ecosystems: Natural and Socially Inspired Solutions (ASENSIS 2012), 10 September 2012

José Luis Fernandez-Marquez, Sara Montagna, Andrea Omicini, Franco Zambonelli
ASENSIS 2012 - First International Workshop on Adaptive Service Ecosystems: Nature and Socially Inspired Solutions
Self-Adaptive and Self-Organizing Systems Workshops (SASOW), 2012

Stefano Mariani, Andrea Omicini
Self-Organising News Management: The Molecules of Knowledge Approach
Self-Adaptive and Self-Organizing Systems Workshops (SASOW), 2012
2011

Franco Zambonelli, Gabriella Castelli, Laura Ferrari, Marco Mamei, Alberto Rosi, Giovanna Di Marzo Serugendo, Matteo Risoldi, Akla-Esso Tchao, Simon Dobson, Graeme Stevenson, Yuan Ye, Elena Nardini, Andrea Omicini, Sara Montagna, Mirko Viroli

*Self-aware Pervasive Service Ecosystems*

Proceedings of the 2nd European Future Technologies Conference and Exhibition 2011 (FET 11), Procedia Computer Science 7, 4-6 May 2011

Ambra Molesini, Enrico Denti, Andrea Omicini

*BaSi: Multi-Agent Based Simulation for Medieval Battles*

WOA 2011 — XII Workshop Nazionale Dagli Oggetti agli Agenti*, CEUR Workshop Proceedings 741, 4-6 July 2011

Elena Nardini, Andrea Omicini, Mirko Viroli

*Description Spaces with Fuzziness*

26th Annual ACM Symposium on Applied Computing (SAC 2011), 21-25 March 2011

2010

Ambra Molesini, Andrea Omicini

*Documenting SODA: An Evaluation of the Process Documentation Template*

WOA 2010 — Dagli oggetti agli agenti. Modelli e tecnologie per sistemi complessi: context-dependent, knowledge-intensive, nature-inspired e self-*, CEUR Workshop Proceedings 621, 5-7 September 2010

Massimo Cossentino, Alma Gómez-Rodríguez, Juan Carlos González-Moreno, Ambra Molesini, Andrea Omicini

*Process Documentation Standardization: An Initial Evaluation*

MALLOW-2010 — The Multi-Agent Logics, Languages, and Organisations Federated Workshops 2010, CEUR Workshop Proceedings 627, 30 August — 2 September 2010

Sara Montagna, Nicola Donati, Andrea Omicini

*An Agent-based Model for the Pattern Formation in Drosophila Melanogaster*

Artificial Life XII, 19-23 August 2010

Danilo Pianini, Sascia Virruso, Ronaldo Menezes, Andrea Omicini, Mirko Viroli

*Self Organization in Coordination Systems using a WordNet-based Ontology*

4th IEEE International Conference on Self-Adaptive and Self-Organizing Systems (SASO 2010), 27 September - 1 October 2010

Sara Montagna, Andrea Omicini, Alessandro Ricci

*A Multiscale Agent-based Model of Morphogenesis in Biological Systems*

2009

Giulio Piancastelli, Andrea Omicini, Enrico Denti
Towards a Logic Language and Framework for Web Programming
Il Milione (i.e. 2^6, June 3rd 2008), A Journey in the Computational Logic in Italy, CEUR Workshop Proceedings 487, August 2009

Massimo Cossentino, Ambra Molesini, Andrea Omicini, Valeria Seidita
Special Track on: Agent-Oriented Software Engineering Methodologies and Systems
24th Annual ACM Symposium on Applied Computing (SAC 2009), 8-12 March 2009

Ambra Molesini, Enrico Denti, Andrea Omicini
An Agent-based Application for Home Intelligence
International Conference on Agents and Artificial Intelligence (ICAART 2009), 19-21 January 2009

Elena Nardini, Andrea Omicini, Mirko Viroli
General-Purpose Coordination Abstractions for Managing Interaction in MAS
The WHAT 2009 Workshops Proceedings, 15-18 September 2009

Mirko Viroli, Matteo Casadei, Andrea Omicini
A Framework for Modelling and Implementing Self-Organising Coordination
24th Annual ACM Symposium on Applied Computing (SAC 2009), 8-12 March 2009

Bernhard Angerer, Branko Katalinic, Andrea Omicini
A Semantic eScience Portal for International Scientific and Academic Cooperation

Ambra Molesini, Elena Nardini, Enrico Denti, Andrea Omicini
Situated Process Engineering for Integrating Processes from Methodologies to Infrastructures
24th Annual ACM Symposium on Applied Computing (SAC 2009), 8-12 March 2009

Matteo Casadei, Andrea Omicini
Situated Tuple Centres in ReSpecT
24th Annual ACM Symposium on Applied Computing (SAC 2009), 8-12 March 2009

2008

Ambra Molesini, Elena Nardini, Enrico Denti, Andrea Omicini
Advancing Object-Oriented Standards Toward Agent-Oriented Methodologies: SPEM 2.0 on SODA
9th Workshop “From Objects to Agents” (WOA 2008) — Evolution of Agent Development: Methodologies, Tools, Platforms and Languages, November 2008

Giulio Piancastelli, Alex Benini, Andrea Omicini, Alessandro Ricci
The Architecture and Design of a Malleable Object-Oriented Prolog Engine
23rd ACM Symposium on Applied Computing (SAC 2008), 16-20 March 2008

Matteo Casadei, Andrea Omicini, Mirko Viroli
Prototyping A&A ReSpecT in Maude
Electronic Notes in Theoretical Computer Science 194(4), April 2008

Giulio Piancastelli, Andrea Omicini
A Logic Programming Model for Web Resources
4th International Conference on Web Information Systems and Technologies (WEBIST 2008), 4-7 May 2008

Enrico Oliva, Mirko Viroli, Andrea Omicini, Peter McBurney
Argumentation and Artifact for Dialogue Support
5th International Workshop "Argumentation in Multi-Agent Systems" (ArgMAS 2008), 12 May 2008

Sara Montagna, Andrea Omicini, Marco Alberti
Lineage Commitment of Hematopoietic Stem Cells: An Agent-based Model
Intelligenza Artificiale e Scienze della Vita, September 2008

Matteo Casadei, Andrea Omicini
Situating A&A ReSpecT for Pervasive Environment Applications

Enrico Oliva, Mirko Viroli, Andrea Omicini
Arguments and Artifacts for Dispute Resolution
9th Workshop "From Objects to Agents" (WOA 2008) — Evolution of Agent Development: Methodologies, Tools, Platforms and Languages, November 2008

Elena Nardini, Andrea Omicini, Maria Cristina Matteucci
Toward a Framework for Collaborative Learning based on Agent-based Technologies
International Education, Technology and Development Conference (INTED 2008), 3-5 March 2008

Elena Nardini, Andrea Omicini
Agent-Based Collaboration Systems: A Case Study

Giulio Piancastelli, Andrea Omicini
A Multi-Theory Logic Language for the World Wide Web
Logic Programming, Lecture Notes in Computer Science 5366, December 2008

Ambra Molesini, Enrico Denti, Andrea Omicini
RBAC-MAS & SODA: Experimenting RBAC in AOSE
9th International Workshop “Engineering Societies in the Agents World” (ESAW’08), 24-26 September 2008

Elena Nardini, Matteo Casadei, Andrea Omicini, Pietro Gaffuri
A Conceptual Framework for Collaborative Learning Systems Based on Agent Technologies

Enrico Oliva, Luca Gardelli, Mirko Viroli, Andrea Omicini
Experimenting with Stochastic Prolog as a Simulation Language
23º Convegno Italiano di Logica Computazionale (CILC’08), 10-12 July 2008

Elena Nardini, Ambra Molesini, Andrea Omicini, Enrico Denti
SPEM on Test: the SODA Case Study
23th ACM Symposium on Applied Computing (SAC 2008), 16-20 March 2008
Matteo Casadei, Andrea Omicini, Mirko Viroli
Prototyping A&A ReSpecT in Maude
6th International Workshop on Foundations of Coordination Languages and Software Architectures (FOCLASA'07), 8 September 2007

Luca Gardelli, Mirko Viroli, Andrea Omicini
Design Patterns for Self-Organising Systems
Multi-Agent Systems and Applications V, Lecture Notes in Computer Science 4696, September 2007

Enrico Oliva, Peter McBurney, Andrea Omicini
Co-Argumentation Artifact for Agent Societies

Alessandro Ricci, Mirko Viroli, Andrea Omicini
“Give Agents their Artifacts”: The A&A Approach for Engineering Working Environments in MAS

Visara Urovi, Stefano Bromuri, Jarred McGinnis, Kostas Stathis, Andrea Omicini
Experiences in Automated Workflows using Dialectical Argumentation
IADIS International Conference "Intelligent Systems and Agents" (ISA 2007), Computer Science and Information Systems, 3-8 July 2007

Andrea Omicini, Alessandro Ricci, Giuseppe Vizzari
Building Smart Environments as Agent Workspaces

Ambra Molesini, Enrico Denti, Andrea Omicini
From AOSE Methodologies to MAS Infrastructures: The SODA Case Study
8th International Workshop “Engineering Societies in the Agents World” (ESAW’07), 22-24 October 2007

2006

Andrea Omicini, Alessandro Ricci, Nicola Zaghini
Linkable Coordination Artifacts for Inter-Organisational Workflow
1st International Workshop “Coordination of Inter-Organizational Workflow: Agent and Semantic Web based Models” (CIOW 2006), 8 May 2006

Enrico Oliva, Mirko Viroli, Andrea Omicini
Simulating Minority Game with TuCSoN
Industrial Simulation Conference 2006 (ISC 2006), 5-7 June 2006

Andrea Omicini
Formal ReSpecT in the A&A Perspective
5th International Workshop on Foundations of Coordination Languages and Software Architectures (FOCLASA’06), 31 August 2006

Luca Gardelli, Mirko Viroli, Andrea Omicini
Exploring the Dynamics of Self-Organising Systems with Stochastic π-Calculus: Detecting Abnormal Behaviour in MAS
Cybernetics and Systems 2006, 18-21 April 2006

Alessandro Ricci, Claudio Buda, Nicola Zaghini, Antonio Natali, Mirko Viroli, Andrea Omicini
simpAWS: An Agent-Oriented Computing Technology for WS-based SOA Applications
From Objects to Agents, CEUR Workshop Proceedings 204, October 2006

Alessandro Ricci, Mirko Viroli, Andrea Omicini
Construenda est CArtAgO: Toward an Infrastructure for Artifacts in MAS
Cybernetics and Systems 2006, 18-21 April 2006

Andrea Omicini, Alessandro Ricci, Nicola Zaghini
Distributed Workflow upon Linkable Coordination Artifacts
Coordination Models and Languages, Lecture Notes in Computer Science 4038, June 2006

Alessandro Ricci, Andrea Omicini, Mirko Viroli, Luca Gardelli, Enrico Oliva
Cognitive Stigmergy: A Framework Based on Agents and Artifacts

Enrico Oliva, Mirko Viroli, Andrea Omicini
Minority Game: A Logic-Based Approach in TuCSoN
From Objects to Agents, CEUR Workshop Proceedings 204, October 2006

Sara Montagna, Alessandro Ricci, Andrea Omicini
Agents & Artifacts for Systems Biology: Toward a Framework based on TuCSoN
Industrial Simulation Conference 2006 (ISC 2006), 5-7 June 2006

Andrea Omicini, Alessandro Ricci, Mirko Viroli
Agens Faber: Toward a Theory of Artefacts for MAS
Electronic Notes in Theoretical Computer Science 150(3), 29 May 2006

Enrico Oliva, Mirko Viroli, Andrea Omicini
Simulation of Minority Game in TuCSoN
From Objects to Agents, CEUR Workshop Proceedings 204, October 2006

Ambra Molesini, Enrico Denti, Andrea Omicini
Metodologie per l'ingegneria del software: approccio ad agenti

Alessandro Ricci, Mirko Viroli, Andrea Omicini
CArtAgO: An Infrastructure for Engineering Computational Environments in MAS

2005

Alessandro Ricci, Mirko Viroli, Andrea Omicini
Programming MAS with Artifacts
3rd International Workshop “Programming Multi-Agent Systems” (PROMAS 2005), 26 July 2005

Luca Gardelli, Mirko Viroli, Andrea Omicini
On the Role of Simulations in Engineering Self-Organizing MAS: the Case of an Intrusion Detection System in TuCSoN
3rd International Workshop "Engineering Self-Organising Applications" (ESOA 2005), 26 July 2005

Mirko Viroli, Alessandro Ricci, Andrea Omicini
An Organisation Infrastructure for Multi-Agent Systems based on Agent Coordination Contexts
4th International Joint Conference "Autonomous Agents & Multi-Agent Systems" (AAMAS 2005), 25-29 July 2005

Luca Gardelli, Mirko Viroli, Andrea Omicini
On the Role of Simulation in the Engineering of Self-Organising Systems: Detecting Abnormal Behaviour in MAS
AI*IA/TABOO Joint Workshop "Dagli oggetti agli agenti: simulazione e analisi formale di sistemi complessi" (WOA 2005), 14-16 November 2005

Ambra Molesini, Enrico Denti, Andrea Omicini
MAS Meta-models on Test: UML vs. OPM in the SODA Case Study
Multi-Agent Systems and Applications IV, Lecture Notes in Computer Science 3690, 2005

Mirko Viroli, Andrea Omicini, Alessandro Ricci
*An Organisation Infrastructure for Multi-Agent Systems based on Agent Coordination Contexts*
AI*IA 2005: Advances in Artificial Intelligence, Lecture Notes in Computer Science 3673, 21-23 September 2005

Andrea Omicini, Roger L. Wainwright
*Message from the Program Chairs*

Andrea Omicini, Alessandro Ricci, Mirko Viroli
*Time-Aware Coordination in ReSpecT*
Coordination Models and Languages, Lecture Notes in Computer Science 3454, April 2005

Alessandro Ricci, Andrea Omicini, Mirko Viroli, Luca Gardelli, Enrico Oliva
*Cognitive Stigmergy: A Framework Based on Agents and Artifacts*
3rd European Workshop on Multi-Agent Systems (EUMAS 2005), 7-8 December 2005

Andrea Omicini, Alessandro Ricci, Mirko Viroli
*RBAC for Organisation and Security in an Agent Coordination Infrastructure*
Electronic Notes in Theoretical Computer Science 128(5), 3 May 2005

Rossella Rubino, Andrea Omicini, Enrico Denti
*Computational Institutions for Modelling Norm-Regulated MAS: An Approach Based on Coordination Artifacts*
1st International Workshop "Agents, Norms and Institutions for Regulated Multi-Agent Systems" (ANI@REM 2005), 25 July 2005

Ambra Molesini, Andrea Omicini, Alessandro Ricci, Enrico Denti
*Zooming Multi-Agent Systems*
6th International Workshop "Agent-Oriented Software Engineering" (AOSE 2005), 25-26 July 2005

Ambra Molesini, Andrea Omicini, Enrico Denti, Alessandro Ricci
*SODA: A Roadmap to Artefacts*
6th International Workshop "Engineering Societies in the Agents World" (ESAW'05), 26-28 October 2005

Mirko Viroli, Andrea Omicini, Alessandro Ricci
*Engineering MAS Environment with Artifacts*
2nd International Workshop "Environments for Multi-Agent Systems" (E4MAS 2005), 26 July 2005

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2004

Marcello Donatelli, Andrea Omicini, Gianni Fila, Cesare Monti
*Targeting Reusability and Replaceability of Simulation Models for Agricultural Systems*
VIII Congress of the European Society of Agronomy (ESA 2004), 11-15 July 2004

Andrea Omicini, Alessandro Ricci, Dina Goldin
*Second International Workshop on Theory and Practice of Open Computational Systems (TAPOCS 2004)*
13th IEEE International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET ICE 2004), 14-16 June 2004

Mirko Viroli, Andrea Omicini
*ReSpecT Nets: Towards an Analysis Methodology for ReSpecT Specifications*
3rd International Workshop on Foundations of Coordination Languages and Software Architectures (FOCLASA'04), 30 August 2004

Ronaldo Menezes, Andrea Omicini, Mirko Viroli
On the Semantics of Coordination Models for Distributed Systems: The LogOp Case Study
Electronic Notes in Theoretical Computer Science 97, 22 July 2004

Alessandro Ricci, Mirko Viroli, Andrea Omicini
Role-Based Access Control in MAS using Agent Coordination Contexts
1st International Workshop "Agent Organizations: Theory and Practice" (AOTP'04), 25 July 2004

Andrea Omicini, Alessandro Ricci, Mirko Viroli, Cristiano Castelfranchi, Luca Tummolini
A Conceptual Framework for Self-Organising MAS
AI*IA/TABOO Joint Workshop "Dagli oggetti agli agenti: sistemi complessi e agenti razionali" (WOA 2004), 30 November - 1 December 2004

Alessandro Ricci, Mirko Viroli, Andrea Omicini
Agent Coordination Context: From Theory to Practice
Cybernetics and Systems 2004, 13-16 April 2004

Mirko Viroli, Alessandro Ricci, Andrea Omicini
A Semantics for the Interaction of Agents with Coordination Artifacts
Cybernetics and Systems 2004, 13-16 April 2004

Andrea Omicini, Roger L. Wainwright
Message from the Program Chairs

Andrea Omicini, Alessandro Ricci, Mirko Viroli, Giovanni Rimassa
Integrating Objective & Subjective Coordination in Multi-Agent Systems
19th ACM Symposium on Applied Computing (SAC 2004), 14-17 March 2004

Alessandro Ricci, Mirko Viroli, Andrea Omicini
An RBAC Approach for Securing Access Control in a MAS Coordination Infrastructure
1st International Workshop "Safety and Security in MultiAgent Systems" (SEMAS 2004), 20 July 2004

Andrea Omicini, Alessandro Ricci, Mirko Viroli, Cristiano Castelfranchi, Luca Tummolini
Coordination Artifacts: Environment-based Coordination for Intelligent Agents

Andrea Omicini, Giovanni Rimassa
Towards Seamless Agent Middleware
13th IEEE International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET ICE 2004), 14-16 June 2004

Nicola Cannata, Flavio Corradini, Emanuela Merelli, Andrea Omicini, Alessandro Ricci
An Agent-oriented Conceptual Framework for Biological Systems Simulation
Models and Methaphors from Biology to Bioinformatics Tools, 5-7 September 2004

Luca Tummolini, Cristiano Castelfranchi, Alessandro Ricci, Mirko Viroli, Andrea Omicini
What I See is What You Say: Coordination in a Shared Environment with Behavioral Implicit Communication
International Workshop on Coordination in Emergent Agent Societies (CEAS'04), 23-24 August 2004

Alessandro Ricci, Andrea Omicini
Engineering Trust in Complex Systems through Mediating Infrastructures
AI*IA/TABOO Joint Workshop "Dagli oggetti agli agenti: sistemi complessi e agenti razionali" (WOA 2004), 30 November - 1 December 2004
Andrea Omicini, Alessandro Ricci, Sascha Ossowski
Rethinking MAS Infrastructure based on Activity Theory
1st European Workshop on Multi-Agent Systems (EUMAS 2003), 18-19 December 2003

Andrea Omicini, Alessandro Ricci, Giovanni Rimassa, Mirko Viroli
Integrating Objective & Subjective Coordination in FIPA: A Roadmap to TuCSoN
AI*IA/TABOO Joint Workshop "Dagli oggetti agli agenti: sistemi intelligenti e computazione pervasiva" (WOA 2003), 10-11 September 2003

Mirko Viroli, Andrea Omicini
Coordination as a Service: Ontological and Formal Foundation
Electronic Notes in Theoretical Computer Science 68(3), March 2003

Andrea Omicini, Alessandro Ricci, Mirko Viroli
Formal Specification and Enactment of Security Policies through Agent Coordination Contexts
Electronic Notes in Theoretical Computer Science 85(3), August 2003

Enrico Denti, Andrea Omicini, Alessandro Ricci
Task-Oriented Engineering of Coordinated Software Systems

Andrea Omicini, Sascha Ossowski
Editorial Message: Special Track on Coordination models, Languages and Applications

Alessandro Ricci, Andrea Omicini
Supporting Coordination in Open Computational Systems with TuCSoN

2002

Mirko Viroli, Andrea Omicini
Specifying Agent Observable Behaviour

Marcello Donatelli, Marco Acutis, Francesco Danuso, Fabrizio Mazzetto, Piero Nasuelli, Andrea Omicini, Marisanna Speroni, Marco Trevisan, Vitaliano Tugnoli
Integrated Procedures for Evaluating Technical, Environmental and Economical Aspects in Farms – The SIPEAA Project
VII Congress of the European Society of Agronomy (ESA 2002), 15-18 July 2002

Alessandro Ricci, Andrea Omicini, Enrico Denti
Engineering Agent Societies: A Case Study in Smart Environments

Alessandro Ricci, Andrea Omicini, Enrico Denti
Objective vs. Subjective Coordination in Agent-based Systems: A Case Study
Coordination Models and Languages, Lecture Notes in Computer Science 2315, 2002

Martin Fredriksson, Alessandro Ricci, Andrea Omicini, Rune Gustavsson
A Framework for Systemic Coordination in Open Computational Systems
Towards an Alternative Semantics for FIPA ACL
Cybernetics and Systems 2002, 2-5 April 2002

Towards an Alternative Semantics for FIPA ACL
Cybernetics and Systems 2002, 2-5 April 2002

Tuple-based Models in the Observation Framework
Coordination Models and Languages, Lecture Notes in Computer Science 2315, 2002

Extending ReSpecT for Multiple Coordination Flows
International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'02), 24-27 July 2002

On the Grey-Box Modelling Approach for Autonomous Agents
8th AIxIA Convention (AIxIA 2002), Workshop "Agenti per la rappresentazione della conoscenza e il ragionamento", 11 September 2002

Editorial Message: Special Track on Coordination Models, Languages and Applications

Have ReSpecT for LogOn
AI*IA/TABOO Joint Workshop "Dagli oggetti agli agenti: dall'informazione alla conoscenza" (WOA 2002), 18-19 November 2002

On the Expressiveness of Event-Based Coordination Media
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