

AMSTA-09 Accepted Papers
(to be included in LNAI 5559)

Title, Authors

- Dependency in Cooperative Boolean Games
Luigi Sauro, Leendert van der Torre, Serena Villata
- Multi-agent Artificial Immune Systems (MAAIS) for Intrusion Detection: Abstraction from Danger Theory
Chung-Ming Ou, C.R. Ou
- Ants-like Agents: a Model and Analysis Based on Natural Ants Behavior
Mohamed Hamada
- Simulated Annealing for Multi-Agent Coalition Formation
Helena Keinänen
- Structural Changes in an Email-based Social Network
Krzysztof Juszczyszyn, Katarzyna Musiał
- Concept of a Multi-Agent System for Assisting in Real Estate Appraisals
Tadeusz Lasota, Zbigniew Telec, Bogdan Trawiński, Krzysztof Trawiński
- Learning as Meaning Negotiation: a model based on English Auction
Elisa Burato, Matteo Cristani
- An Approximate Model for Bidders in Sequential Automated Auctions
Erol Gelenbe, Kumaara Velan
- Agent-Based Modeling of a Mobile Robot to Detect and Follow Humans
José M. Gascueña, Antonio Fernández-Caballero
- Component Based Approach for Composing Adaptive Mobile Agents
Kutilla Gunasekera, Arkady Zaslavsky, Shonali Krishnaswamy, Seng Wai Loke
- A Ratio-based Update Scheme for Mobile Agent Location Management
Ting Yuan Yeh, Tzong I Wang
- jDALMAS: A Java/Prolog Framework for Deontic Action-Logic Multi-Agent Systems
Magnus Hjelmblom, Jan Odelstad
- Belief Revision in a Fact-Rule Agent's Belief Base
Hai H. Nguyen
- Modeling Multi-Agent Systems as Labeled Transitions Systems: A Unifying Approach
Walid Chainbi
- A Multi-Agent Framework for Storage and Retrieval of Documents from Distributed XML Collections
Jakub Gieryluk, Radosław Katarzyniak, Przemysław Maciejczyk, Magdalena Sendal, Grzegorz Skorupa
- Agent Technology for Information Retrieval in Internet
Marcin Maleszka, Bernadetta Mianowska, Ngoc Thanh Nguyen
- Intelligent Agent Based Workforce Empowerment
Nazaraf Shah, Edward Tsang, Yossi Borenstein, Raphael Dorne, Anne Liret, Chris Voudouris
- Customer Assistance Services for Simulated Shopping Scenarios

Florian Messerschmidt, Andreas D. Lattner, Ingo J. Timm

TRES: A Decentralized Agent-based Recommender System to Support B2C Activities
Domenico Rosaci, Giuseppe M.L. Sarné

Applying multi-agent system technique to production planning in order to automate decisions
Mats Apelkrans, Anne Håkansson

Applying Constructionist Design Methodology to Agent-Based Simulation Systems
Kristinn R. Thórisson, Rögnvaldur J. Saemundsson, Gudny R. Jonsdottir, Brynjar Reynisson, Claudio Pedica, Pall Runar Thrainsson, Palmi Skowronski

Agent-based Framework for Distributed Real-Time Simulation of Dynamical Systems
Grzegorz Polaków, Mieczyslaw Metzger

Learning-Rate Adjusting Q-learning for Two-Person Two-Action Symmetric Games
Koichi Moriyama

Indirect Alignment between Multilingual Ontologies: a Case Study of Korean and Swedish Ontologies
Jason J. Jung, Anne Håkansson, Ronald Hartung

Extracting Relations towards Ontology Extension
Jin-Guk Jung, Kyeong-Jin Oh, Geun-Sik Jo

Deontic Logic Reasoning for Maintaining Ontology Consistency in Agent Networks
Krzysztof Juszczyszyn, Grzegorz Kołaczek

Multi-agent system process control ontology
Wim Zeiler, Gert Boxem, Rinus van Houten, Perica Savanovic, Joep van der Velden, JanFokko Haan, Willem Wortel, Paul Noom, Rene Kamphuis

Relational Learning by Imitation
Grazia Bombini, Nicola Di Mauro, Teresa M.A. Basile, Stefano Ferilli, Floriana Esposito

A Data-Oriented Coordination Language for Distributed Transportation Applications
Mahdi Zargayouna, Flavien Balbo, Gérard Scémama

Multi-Agent Based Approach for Quantum Key Distribution in WiFi Networks
Shirantha Wijesekera, Xu Huang, Dharmendra Sharma

A Secure Delegation Model Based on Multi-Agent in Pervasive Environments
Kyu Il Kim, Won Gil Choi, Eun Ju Lee, Ung Mo Kim

3DE_var: Energy-Efficient Cluster-based Routing Scheme in Wireless Sensor Networks
Jinsu Kim, Junghyun Lee, Keewook Rim

A Routing Agent using Cross-layer Method for Collision Avoidance in Ad hoc Networks
Zhipeng Liu, Chan-Heum Park, Bokman Lee, Chonggun Kim

Towards Power Efficient MAC Protocol for In-body and On-body Sensor Networks
Sana Ullah, Xizhi An, Kyung Sup Kwak

Efficiency of metaheuristics in PMJS E/T scheduling problem
Marcin Bazylik, Leszek Koszalka

An Algorithm for Inconsistency Resolution in Recommendation Systems and its Application in multi-agent Systems
Michał Malski

Statistical Strength of a Hybrid Cryptosystem on 2-D Cellular Automata with Nonaffine Rotations
Marian Srebrny, Piotr Such

Health Monitor Agent based on Neural Networks for Ubiquitous Healthcare Environment

Michael Angelo G. Salvo, Romeo Mark A. Mateo, Jaewan Lee, Malrey Lee

Understanding Users' Subject Interests in the Web Site Based on Their Usage of its Content: A Novel Two-Phase Clustering Framework

Ahmad Ammari, Valentina Zharkova

Toward Semantic Mobile Web 2.0 through multiagent systems

Gonzalo A. Aranda-Corral, Joaquín Borrego-Díaz, and Fernando Gómez-Marín

Architecture of Multiagent Internet Measurement System MWING Release

Leszek Borzemski, Łukasz Cichocki, Marta Kliber

Information flow in a peer-to-peer data integration system

Grażyna Brzykcy

Adaptive Community Identification on Semantic Social Networks with Contextual Synchronization: An Empirical Study

Jason J. Jung

Self-Organizing Fuzzy Logic Steering Algorithm in Complex Air Condition System

Michał Lower

Errors in Structure Self-Organization: Statistical Analysis

Grzegorz Kukla, Dariusz Król

Hierarchical organization of agents based on Galois sub-hierarchy for complex tasks allocation in Massive MAS

Zaki Brahmi, Mohamed Mohsen Gammoudi

Communities of practice and its effects on firm performance: a process-oriented study

Chuldo Koo, Sungyul Ryoo, Yulia Wati, Woojong Suh

Conceptual Modeling of Semantic Service Chain Management for Building Service Networks: a Preliminary Result

Jason J. Jung, Young-Shin Han

Analysis of the Broadband Internet Penetration in South Korea: Drivers and Challenges

Joon Koh, Seonjin Shin, Kiyong Om, Inhak Kim

Construction of optimized knowledge and new knowledge creation support tool

Akira Otsuki, Kenichi Okada

Agent Verification Design of Short Text Messaging System using Formal Method

Ali Selamat, Siti Dianah Abdul Bujang, Md Hafiz Selamat

A Study on the Effects of Online Brand Community Identity on the Characteristics of Community Activity and Behavioral Responses

Hyung-Shik Jung, Youngshim Kim, Yu-Rim Kook

Key Factors Affecting Continuous Usage Intention in Web Analytics Service

JaeSung Park, JaeJon Kim, Joon Koh

Enterprise financial status synthetic evaluation based on fuzzy rough set theory

Ming-Chang Lee, Jui-Fang Chang

An agent-based model for the adaptation of processing efficiency for prioritized traffic

Sanja Illes, Dragan Jevtic, Marijan Kunstic

Multi-Agent Service Deployment in Telecommunication Networks

Kresimir Jurasovic, Mario Kusek, Gordan Jezic

Collision Detection for Ubiquitous Parking Management based on Multi-Agent System

Romeo Mark A. Mateo, Young-seok Lee, Jaewan Lee

Compatibility and Conformance of Role-based Interaction Components in MAS
Nabil Hameurlain

Towards a methodology for modeling deontic protocols using the Organizational Petri Nets formalism
Stéphanie Combettes

Towards an Adaptive Grid Scheduling: Architecture and Protocols specification
Inès Thabet, Chihab Hanachi, Khaled Ghédira

Dynamic Execution of Coordination Protocols in Open and Distributed Multi-Agent Systems
Wassim Bouaziz, Eric Andonoff

An Agent-Based Simulation Model for Analysis on Marketing Strategy Considering Promotion Activities
Hideki Katagiri, Ichiro Nishizaki, Tomohiro Hayashida, Takahiro Daimaru

Agent-based simulation analysis for equilibrium selection and coordination failure in coordination games characterized by the minimum strategy
Ichiro Nishizaki, Tomohiro Hayashida, Hideki Katagiri, Noriyuki Hara

A computational method for obtaining Stackelberg solutions to noncooperative two-level programming problems through evolutionary multi-agent systems
Kosuke Kato, Masatoshi Sakawa, Takeshi Matsui, Hidenori Ohtsuka

Multi-Agent-System for General Strategic Interaction
Rustam Tagiew

Simulation Study of Public Goods Experiment
Zhi Tang, Jian Wu, Wei Shi, Jing Wang, Hanyi Xu

Particle Swarm Optimization using the Decoding Algorithm for Nonlinear 0-1 Programming Problems
Takeshi Matsui, Masatoshi Sakawa, Kosuke Kato

Agent Based Decision Support in Manufacturing Supply Chain
Per Hilletoft, Lauri Lättilä, and Olli-Pekka Hilmola

Simulation of Resource Acquisition by e-Sourcing Clusters Using NetLogo Environment
Konrad Fuks, Arkadiusz Kawa

Analysing Supply Chain Strategies using Knowledge-Based Techniques
Areti Manataki, Yun-Heh Chen-Burger

Knowledge management in digital economy
Lilia Georgieva, Imran Zia

Forming Buyer Coalitions with Bundles of Items
Laor Boongasame, Ho-fung Leung, Veera Boonjing, Dickson K. W. Chiu

Distributed Data Reduction Through Agent Collaboration
Ireneusz Czarnowski

Solving the RCPSP/max Problem by the Team of Agents
Piotr Jędrzejowicz, Ewa Ratajczak-Ropel

AGV Mind Model and its Usage for Autonomous Decentralized FMS by Change of Mind
Hidehiko Yamamoto, Takayoshi Yamada, Shinsuke Kato

Agent-Based Dantzig-Wolfe Decomposition
Johan Holmgren, Jan A. Persson, Paul Davidsson

A-Team Middleware on a Cluster

Ireneusz Czarnowski, Piotr Jędrzejowicz, Izabela Wierzbowska

Simulating Activities of the Transportation Company through Multi-Agent System Solving the Dynamic Vehicle Routing Problem

Dariusz Barbucha

Solving Global Optimization Problems using MANGO

Akın Günay, Figen Öztoprak, S. Ilker Birbil, Pınar Yolum

Awareness-based Learning Model to Improve Cooperation in Collaborative Distributed Environments

Mauricio Paletta, Pilar Herrero

Game Theory and Cognitive Radio Based Wireless Networks

Saurabh Mehta, K.S. Kwak

Scalable Grouping based on Neuro-Fuzzy Clustering for P2P Networks

Romeo Mark A. Mateo, Hyunho Yang, Jaewan Lee

Supporting Medical Emergencies by MAS

Roberto Centeno, Moser Fagundes, Holger Billhardt, Sascha Ossowski

Ontology-Based Query Interface in a System for Semantic Integration of XML Data

Tadeusz Pankowski

Action Generator based on Primitive Actions and Individual Properties

Jun-Hyuk Lee, Geun-Jae Jung, Jong-Hee Park

Control of a Bipedal Walking Robot Using a Fuzzy Precompensator

Soraya Bououden, Foudil Abdessemed