

LNAI 4953: List of papers

A method for validating and discovering associations between multi-level emergent behaviours in agent-based simulations

Chih-Chun Chen, Sylvia B. Nagl, and Christopher D. Clack

Background Sensing Control for Planning Agents Working in the Real World

Hisashi Hayashi, Seiji Tokura, Fumio Ozaki, Miwako Doi

Real-Time Neural Networks Application of Micro- Electroforming for Different Geometry Forms

Sheau-Wen Shiah, Pai-Yu Chang, Tzeng-Yuan Heh, Po-Hung Lin

On Drawing Conclusions in Presence of Inconsistent Data

Sylvia Encheva, Sharil Tumin

Basic Concepts of Knowledge-based Image Understanding

R. Tadeusiewicz, P. S. Szczepaniak

KOSPI Time Series Analysis Using Neural Network with Weighted Fuzzy Membership Functions

Sang-Hong Lee, Joon S. Lim

Facilitating MAS Complete Life Cycle through the Protégé-Prometheus Approach

Marina V. Sokolova, Antonio Fernández-Caballero

Holonic Multi-agent System Model for Fuzzy Automatic Speech / Speaker Recognition

J.J. Valencia-Jiménez and Antonio Fernández -Caballero

Social Semantic Cloud of Tag: Semantic Model for Social Tagging

Hak-Lae Kim, John G. Breslin, Sung-Kwon Yang, and Hong-Gee Kim

Realization of an Intelligent Frog Call Identification Agent

Chenn-Jung Huang, Yi-Ju Yang, Dian-Xiu Yang, You-Jia Chen, Hsiang-Yu Wei

Towards A Distributed Fuzzy Decision Making System

Kevin K.F. Yuen, H.C.W. Lau

A Color Set Web-based Agent System For 2-dimension Emotion Image Space

Chen Pei-Lin, Jen Yen

Approach to Solving Security Problems Using Meta-Agents in Multi Agent System

Esmiralda Moradian, Anne Håkansson

A Software Engineering Process For BDI Agents

Aaron Hector, Frans Henskens, Michael Hannaford

Design Pattern based Development Methodology and Support Tool for Multi Agent System

Hyunsang Youn, Eunseok Lee

Moving Object Detection and Classification Using Neural Network

M. Ali Akber Dewan, M. Julius Hossain, Oksam Chae

Data integration in a system with agents' models

Grażyna Brzykcy

A Comparative Study of Two Short Text Semantic Similarity Measures

James O'Shea, Zuhair Bandar, Keeley Crockett, David McLean

A User Interface for a Jini-based Appliances in Ubiquitous Smart Homes

Seong Joon Lee, Won Tae Kim, Kwang Seon Ahn

A Study of Meta-Search Agent Based on Tags and Ontological Approach for Improving Web Searches

Jae-Youn Jung, Hyeon-Cheol Zin, Chonggun Kim

An Agent using Matrix for Backward Path Search on MANET

SungSoo Lee, ZhiPeng Liu, ChongGun Kim

A Personalized URL Re-ranking Methodology using User's Browsing Behavior

Harshit Kumar, Sungjoon Park, Sanggil Kang

Library Services as Multi Agent System

Toshiro Minami

Ontology Methodology Based Context Awareness Using System Entity Structure for Network Analysis

Taekyu Kim, Young-Shin Han, Tae-young Kim, Jong-Sik Lee

A Scalable Framework for Distributed Ontologies

Ngot Phu Bui, Young-Tack Park, TaeChoong Chung

Bridging Semantic Gap in Distant Communication: Ontology-based Approach

Nilar Aye, Fumio Hattori, Kazuhiro Kuwabara

Using Meta-agents to reason with Multiple Ontologies

Ronald Hartung, Anne Håkansson

Adaptive Information Provisioning in an Agent-Based Virtual Organization—Ontologies in the System

Michał Szymczak, Grzegorz Frackowiak, Maciej Gawinecki, Maria Ganzha, Marcin Paprzycki, Myon-Woong Park, Yo-Sub Han, Y.T. Sohn

Resource and Remembering Influences on Acquaintance Networks

Chung-Yuan Huang, Chia-Ying Cheng, Chuen-Tsai Sun

A formalization for distributed cooperative sensor resource allocation

Toshihiro Matsui, Hiroshi Matsuo

Ant Colony Programming with the Candidate List

Mariusz Boryczka

A Rough Set Approach on Supply Chain Dynamic Performance Measurement

Pei Zheng, Kin Keung Lai

Analyzing knowledge exchanges in hybrid MAS GIS decision support systems, toward a new DSS architecture

D. Urbani, M. Delhom

Multi-Agent System for Custom Relationship Management with SVMs Tool

Yanshan Xiao, Bo Liu, Dan Luo, Longbing Cao

A Model for Fuzzy Grounding of Modal Conjunctions in Artificial Cognitive Agents

Radosław Piotr Katarzynyak, Ngoc Thanh Nguyen, and Lakhmi C. Jain

An Integrated Argumentation Environment for Arguing Agents

Taro Fukumoto, Syuusuke Kuribara, and Hajime Sawamura

Agent Collaboration for Multiple Trading Strategy Integration

Longbing Cao, Dan Luo, Yanshan Xiao, Zhigang Zheng

Strategy Acquisition on Multi-Issue Negotiation without Estimating Opponent's Preference

Shohei Yoshikawa, Yoshiaki Yasumura, Kuniaki Uehara

Predictor Agent for Online Auctions

Deborah Lim, Patricia Anthony, Ho Chong Mun

Discovering Behavior Patterns in Multi-Agent Teams

Fernando Ramos, Huberto Ayanegui

Fuzzy Logic for Cooperative Robot Communication

Dingyun Zhu, Tom Gedeon

An approach to event-driven algorithm for intelligent agents in multi-agent systems

Anne Håkansson, Ronald Hartung

AGVS Distributed Control Subject to Imprecise Operation Times

Grzegorz Bocewicz, Robert Wójcik, Zbigniew Banaszak

On the Multi-Threading Approach of Efficient Multi-Agent Methodology for Modelling Cellular Communications Bandwidth Management

P.M. Papazoglou, D.A. Karras, R.C. Papademetriou

Design of the Architecture for Agent of the Personality Security in the Ubiquitous Environment

Eun-Ser Lee, Sang Ho Lee

The Multi Agent System Solutions for Wireless Sensor Network Applications

Khin Haymar Saw Hla, YoungSik Choi, Jong Sou Park

A Study of Implanted and Wearable Body Sensor Networks

Sana Ullah, Henry Higgin, M.Arif Siddiqui, Kyung Sup Kwak

Complexity of Road Networks as Agents' Environments– Analyzing Relevance between Agent Evaluations and their Environments –

Kazunori Iwata, Nobuhiro Ito, Youhei Kaneda, Naohiro Ishii

Resource Limitations, Transmission Costs and Critical Thresholds in Scale-Free Networks

Chung-Yuan Huang, Chia-Ying Cheng, Chuen-Tsai Sun

Temporal Difference Learning and Simulated Annealing for Optimal Control: A Case Study

Jinsong Leng, Beulah M Sathyaraj, Lakhmi Jain

Separating Learning as an Aspect in Malaca agents

M. Amor, L. Fuentes y, A. Valenzuela

Learning Semantic Web from E-tourism

Dr. Waralak V Siricharoen

Incremental Biomedical Ontology Change Management through Learning Agents

Arash Shaban-Nejad, Volker Haarslev

An A-Team Approach to Learning Classifiers from Distributed Data Sources

Ireneusz Czarnowski, Piotr Jędrzejowicz, Izabela Wierzbowska

The user preference learning for multi-agent based on Neural Network in Ubiquitous Computing Environment

Eungyeong Kim, Hyogun Yoon, Malrey Lee, Thomas M. Gatton

Performance Evaluation of Mobile Grid Services

Sze-Wing Wong and Kam-Wing Ng

Are you satisfied with your recommendation service?: Discovering social networks for personalized mobile services

Jason J. Jung, Kono Kim, Hojin Lee, Seongrae Park

SETNR/A: An Agent-based Secure Payment Protocol for Mobile Commerce

Chung-Ming Ou, C.R.Ou

A Key Management Scheme Combined with Intrusion Detection for Mobile Ad Hoc Networks

Yingfang Fu, Jingsha He, Liangyu Luan, Guorui Li, Wang Rong

Agent based Formation and Enactment of Adaptable Inter-organizational Workflows in Virtual Organizations

Habin Lee, Hyung Jun Ahn, Hanseup Kim, John Shepherdson, Sung Joo Park

The Impact of Information Sharing Mechanism to Geographic Market Formation

Xingang Xia, Hua Sun, Guo Liu, Zhangang Han

Agent System for Online Ticket Resale

Jae Hyung Cho, Hyun Soo Kim, Hyung Rim Choi, Jae Un Jung

Application of ubiquitous computing technology to the steel-plate piling process of ship construction

Hoon Oh, Jeong Seok Heo

The Choquet Integral Analytic Hierarchy Process for Radwaste Repository Site Selection In Taiwan

Chen Lin

Contribution of Hypercontours to Multiagent Automatic Image Analysis

P. S. Szczepaniak

Bayesian communication leading to Nash equilibrium through robust messages - p-Belief system case -

Takashi Matsuhisa

Manager-Agent Framework of a Medical Device Communication for u-Healthcare Services with USN

Yung Bok Kim, Jae-Jo Lee

An Intelligent Multi Agent Design in Healthcare Management System

Dharmendra Sharma, Fariba Shadabi

A Middleware Platform based on Multi –Agents for u-Healthcare Services with Sensor Networks

Yung Bok Kim, Chul-Su Kim, Jun Wook Lee

Measuring Similarity of Observations Made by Artificial Cognitive Agents

Grzegorz Popek, Radoslaw Piotr Katarzyniak

An Algorithm for Agent Knowledge Integration Using Conjunctive and Disjunctive Structures

Trong Hieu Tran, Ngoc Thanh Nguyen

A note on root choice for parallel processing of tree decompositions

Yueping Li, Yunting Lu

An Agent's Activities Are Controlled by His Priorities

Huiliang Zhang, Shell Ying Huang, Yuming Chang

Mining based Decision Support Multi-Agent System for Personalized e-Healthcare Service

Eunyoung Kang, Hee Yong Youn, Ungmo Kim

A Multi-agent Mechanism in Machine Learning Approach to Anti-virus System

Minh Nhat Quang Truong, Trong Nghia Hoang

Data-Mining Model based on Multi-Agent for the Intelligent Distributed Framework

Romeo Mark A. Mateo, Insook Yoon, Jaewan Lee

Recalling the Embodied Meaning of Modal Conjunctions in Artificial Cognitive Agents

Wojciech Lorkiewicz, Radoslaw Piotr Katarzyniak

Performance Evaluation of Multiagent Systems: Communication Criterion

Faten Ben Hmida, Wided Lejouad Chaari, Moncef Tagina

Using Multiple Models to Imitate the YMCA

Axel Tidemann

A Comparison of Performance-Evaluating Strategies for Data Exchange in Multi-Agent System

Dariusz Król, Michał Zelmozer

The Emergence and Collapse of the Self Monitoring Center in Multi-agent Systems

Asaki Nishikawa

The Design of Model Checking Agent for SMS Management System

Ali Selamat, Siti Dianah Abdul Bujang

An Intelligent Agent-based System for Multilingual Financial News Digest

James N.K. Liu, M.K. Ho

An Agent-Based Diabetic Patient Simulation

Sara Ghoreishi Nejad, Robert Martens, Raman Paranjape

A Multi-agent System for Computer Network Security Monitoring

Agnieszka Prusiewicz

Vulnerabilities in a Remote Agent Authentication Scheme Using Smart Cards

Youngsook Lee, Junghyun Nam, Dongho Won

A Security Enhancement of the E0 Cipher in Bluetooth System

HyeongRag Kim, HoonJae Lee , SangJae Moon

Study of Optimal Traffic Information using Agents Techniques

You-Sik Hong, CheonShik Kim, Geuk Lee

A Recommendation Using Item Quality

Sung-hoon Cho, Moo-hun Lee, Bong-Hoi Kim, Eui-in Choi

Secure Storage and Communication in J2ME based Lightweight Multi-Agent Systems

Syed Muhammad Ali Shah, Naseer Gul, Hafiz Farooq Ahmad, Rami Bahsoon

A New Key Agreement Protocol based on Chaotic Maps

Eun-Jun Yoon, Kee-Young Yoo