

Session details

December 14th, 2009 (Monday)

9:00 -10:00

Keynote Speak (Room 224)

“Computational Advertising: A Multi-Agent Systems Approach”

Joaquin A. Delgado, PhD.

Senior Principal Architect, Display Advertising, Yahoo! Inc.

Session chair: Prof. Takayuki Ito (Nagoya Inst. of Tech.)

10:00 - 10:20

Coffee Break

10:20 - 12:25

Session 1 (Room 224),

“Interaction & Emotion”

Session chair: Prof. M. Birna van Riemsdijk (Delft Univ. of Tech.)

An Affective Agent Playing Tic-Tac-Toe as Part of a Healing Environment (18)

Matthijs Pontier, Ghazanfar Farooq Siddiqui

A Multi-Agent Model for Emotion Contagion Spirals Integrated within a Supporting Ambient Agent Model (25)

Tibor Bosse, Rob Duell, Zulfiqar A. Memon, Jan Treur, C. Natalie van der Wal

Statistical Utterance Selection using Word Co-occurrence for a Dialogue Agent (31)

Naoki Isomura, Fujio Toriumi, Kenichiro Ishii

An Adaptive Human-Aware Software Agent Supporting Attention-Demanding Tasks (79)

Tibor Bosse, Zulfiqar A. Memon, Jan Treur, Muhammad Umair

Emotion Detection from Body Motion of Human Form Robot Based on Laban Movement Analysis (95)

Megumi Masuda, Shohei Kato, Hidenori Itoh

12:30 - 13:50

Interactive Poster Session (Complimentary lunch) (Room 222,223)

See **Interactive Poster Session Presentations.**

14:00 - 15:00

Panel (Room 224)

15:00 - 15:30

Coffee Break

15:30 - 17:35

Session 2 (Room 224),

“Collaboration & Trust”

Session chair: Prof. Zhi Jin (Peking Univ.)

Designing Protocols for Collaborative Translation (5)

Daisuke Morita, Toru Ishida

On The Impact of Witness-based Collusion in Agent Societies (33)

Amirali Salehi-Abari, Tony White

Syncretic Argumentation by means of Lattice Homomorphism (53)

Taichi Hasegawa, Safia Abbas, Hajime Sawamura

A Multiagent Model for Provider-Centered Trust in Composite Web Services
(60)

Julien Bourdon, Laurent Vercouter, Toru Ishida

Applying user feedback and query learning methods to multiple
communities (72)

Tsunenori Mine, Hirotake Kobayashi

18:00 – 20:30

Opening Reception,

Bldg.1, 7F, Restaurant, Nagoya Congress Center

December 15th, 2009 (Tuesday)

9:00 - 11:05

Industrial Session (Room 224)

Session chair: Prof. Satoshi Kurihara (Osaka Univ.)

A Multi-agent-System Based Approach to Intelligent Process Automation Systems (11)

Vu Van Tan, Myeong-Jae Yi

Non-Equity Joints among Small and Medium Enterprises: an Empirical Analysis based on Simulation (76)

Marco Remondino, Marco Pironti, Roberto Schiesari

Wide-Area Traffic Simulation based on Driving Behavior Model (92)

Yuu Nakajima, Yoshiyuki Nakai, Hiromitsu Hattori, Toru Ishida

An Agent-based Framework for Healthcare Support System (93)

Hideyuki Takahashi, Satoru Izumi, Takuo Suganuma, Tetsuo Kinoshita, Norio Shiratori

Interpolation System of Traffic Condition by Estimation/Learning Agents (105)

Tetsuo Morita, Junji Yano, Kouji Kagawa

11:05 - 11:30

Coffee Break

11:30 - 12:30

Keynote Speak (Room 224),

“Directing Digital Crowds”

Mark Thielen, CG supervisor, Radium Inc.

Session chair: Dr. Paul Scerri

12:50 - 14:00

lunch

14:00 - 15:40

Session 3 (Room 224),

“Software Engineering & Implementation”

Session chair: Prof. Elizabeth M. Ehlers (Univ. of Johannesburg)

Gaia Agents Implementation through Models Transformation (45)

Nikolaos Spanoudakis, Pavlos Moraitis

ONTOMO: Development of Ontology Building Service (46)

I Shin, Takahiro Kawamura, Hiroyuki Nakagawa, Ken Nakayama, Yasuyuki Tahara, Akihiko Ohsuga

An Empirical Study of Agent Programs: A Dynamic Blocks World Case Study
in GOAL (58)

M. Birna van Riemsdijk, Koen V. Hindriks

Memory Complexity of Automated Trust Negotiation Strategies (61)

Indika H. Katugampala, Hirofumi Yamaki, Yukiko Yamaguchi

15:40 - 16:00

Coffee Break

16:00 - 17:40

Session 4 (Room 224),

“Coordination & Simulation”

Session chair: Prof. Nicola Dragoni (Tech. Univ. of Denmark)

Token Based Resource Sharing in Heterogeneous Multi-agent Teams (43)

Yang Xu, Paul Scerri

SIM-MADARP: An Agent-Based Tool for Dial-a-Ride Simulation (56)

Makarena Donoso, Daniel Sandoval, Claudio Cubillos

Resource Allocation, Coordination Layered Distributed Constraint
Optimization Problem for Resource Allocation Problem in Distributed
Sensor Networks (63)

Kazuhiro Ota, Toshihiro Matsui, Hiroshi Matsuo

HoneySpam 2.0: Profiling Spambot Behaviour (97)

Pedram Hayati, Kevin Chai, Vidyasagar Potdar, Alex Talevski

18:00 - 22:00

Transportation, 17:40-

Banquet and Japanese Garden excursion at Tokugawaen

sponsored by JAWS (Joint Agent Workshops & Symposium)

December 16th, 2009 (Wednesday)

9:00 - 10:15

Multimedia Session 1 (Room 224)

Session chair: Prof. Minjie Zhang (Univ. of Wollongong)

Service-oriented Open Multiagent Systems modeling tool (100)

Emilia Garcia, Adriana Giret, Estefania Argente

Analysis, comparison and selection of MAS software engineering (101)

Emilia Garcia, Vicente Botti, Adriana Giret

A Synchronous Model of Mental Rhythm Using Paralanguage for
Communication Robots (102)

Takanori Hayashi, Hidenori Itoh, Shohei Kato

10:15 - 10:30

Coffee Break

10:30 - 11:45

Multimedia Session 2 (Room 224)

Session chair: Dr. Quan Bai (CSIRO)

Generating Association-Based Motion through Human-Robot Interaction(103)

Satona Motomura, Shohei Kato, Hidenori Itoh

SmartContractor: A Distributed Task Assignment System based on the
Simple Contract Net Protocol (104)

*Hideyuki Sugiura, Bipin Khanal, Takayuki Ito, Masashi Iwasaki, Katsuhide
Fujita, and Masao Kobayashi*

Participatory Simulation Environment gumonji/Q: A Network Game
Empowered by Agents (108)

*Shohei Yamane, Shoichi Sawada, Hiromitsu Hattori, Marika Odagaki,
Kengo Nakajima, and Toru Ishida*

12:30 - 13:30

Demonstration Session (Complimentary lunch) (Room 222, 223)

See **Demonstration Session Presentations.**

14:00 - 16:05

Session 5 (Room 224),

“Automated Negotiation & Market”

Session chair: Prof. Hiromitsu Hattori (Kyoto Univ.)

A Market-Based Multi-Issue Negotiation Model Considering Multiple Preference in Dynamic E-Marketplaces (1)

Fenghui Ren, Minjie Zhang, Chunyan Miao, Zhiqi Shen

Efficient Methods for Automated Three-agent Two-issue Negotiation (41)

Mengxiao Wu, Mathijs de Weerd, Han La Poutre

Adaptive Adjustment of Starting Price for Agents in Continuous Double Auctions (54)

Huiye Ma, Harry Timmermans

NegoExplorer: A Region-Based Recursive Approach to Bilateral Multi-Attribute Negotiation (67)

Miguel A. Lopez-Carmona, Ivan Marsa-Maestre, Enrique de la Hoz, Juan R. Velasco

Designing a Two-sided Matching Protocol under Asymmetric Information (89)

Masanori Hatanaka, Shigeo Matsubara

16:05 - 16:30

Coffee Break

16:30 - 17:30

Community Panel Session (Room 224)

Let us talk the future of PRIMA.

17:30 -

Closing (Room 224)