

# ACCDS 2009 Program

December 13, 2009 (Sunday)  
Room 11, 2<sup>nd</sup> floor, Building #2  
Nagoya Institute of Technology

**9:15 – 9:30**

Welcome

**9:30 – 10:00**

Related Word Extraction Algorithm for Query Expansion - an Evaluation -  
*Tetsuya Oishi, Tsunenori Mine, Ryuzo Hasegawa, Hiroshi Fujita and  
Miyuki Koshimura*

**10:00 – 10:30**

DGF: Decentralized Group Formation for Task Allocation in Complex  
Adaptive Systems  
*Dayong Ye, Minjie Zhang and Danny Sutanto*

**10:30 – 11:00**

An Approach for Learnable Context-Awareness System by Reflecting  
User Feedback  
*InWoo Jang and Chong-Woo Woo*

**11:00 – 11:30**

Coffee break

**11:30 – 12:00**

Cellular Automata and Immunity Amplified Stochastic Diffusion Search  
*Duncan Coulter and Elisabeth Ehlers*

**12:00 – 12:30**

Blackboard Architecture to Aid Breast Cancer Diagnosis Based on Multi  
Agent System  
*Hadya Boufera and Fatima Bendellal*

**12:30 – 13:00**

Verification of the Effect of Introducing an Agent in a Prediction Market  
*Takuya Yamamoto and Takayuki Ito*

**13:00 – 14:00**

Lunch break

**14:00 – 14:30**

BDI Agents for Real-Time Decision Making Using User-Given Constraints and Objectives

*Aniruddha Dsgupta and Aditya K. Ghose*

**14:30 – 15:00**

A Cognitive Map Network Model

*Yuan Miao*

**15:00 – 15:30**

A Hybrid Multi-Agent Framework for Load Management in Power Grid Systems

*Minjie Zhang, Dayong Ye, Quan Bai, Danny Sutanto, Kashem Muttaqi and Colin Parker*

**15:30 – 16:00**

Coffee break

**16:00 – 16:30**

Coordination in Distributed Intelligent Systems Applications

*Abdeslem Boukhtouta, Jean Berger, Ranjeev Mittu and Abdellah Bedrouni*

**16:30 – 17:00**

Multi-Agent Area Coverage Using a Single Query Roadmap: A Swarm Intelligence Approach

*Ali Nasri Nazif, Alireza Davoodi and Philippe Pasquier*

**17:00 – 17:30**

Discussion, best paper award announcement and conclusion