

**IADIS International Conference**  
**Intelligent Systems and Agents 2010**  
**PRELIMINARY CONFERENCE PROGRAM**

**Thursday 29<sup>th</sup>, July 2010**

08:30-17:00 Welcome Desk

11:45-12:00 Session O – Opening Session  
(Room: 1016)

**OPENING SESSION**

*Prof. Pedro Isaías and Prof. António Palma dos Reis*

12:00-13:00 Session KL1 – Keynote Presentation  
(Room: 1016)

**EVOLVING, TRAINING AND DESIGNING NEURAL NETWORK ENSEMBLES**

*Professor Xin Yao, Director of the Centre of Excellence for Research in Computational Intelligence and Applications (CERCIA), The University of Birmingham, UK*

13:00-14:30 Lunch Break

14:30-16:50 Session FSP 29.1  
Intelligent Systems  
(Room: 1610)

**TOPOLOGICAL EXPANSION FOR SMOOTHING THE KERNEL BASED ON BIOMEDICAL AND MICROARRAY DATA (F052)**

*Vilen Jumutc and Pawel Zayakin*

**BIASED SAMPLING TECHNIQUES FOR CLUSTERING DATA OF DIFFERENT SIZES AND DENSITIES (F097)**

*Kittisak Kerdprasop and Nittaya Kerdprasop*

**TREE ANALOGICAL MATCHING: DEFINITIONS, ALGORITHMS AND APPLICATIONS (F042)**

*Anouar Ben Hassena and Laurent Miclet*

**A NOVEL RECOMMENDER SYSTEM INSPIRED BY CONTEXTUAL ADVERTISING (F077)**

*Andrea Addis, Giuliano Armano, Alessandro Giuliani and Eloisa Vargiu*

**TOWARDS AN EVOLUTIONARY MODEL GENERATION FOR ERP PERFORMANCE SIMULATION (S078)**

*Daniel Tertilt, Stefanie Leimeister, Stephan Gradl, Manuel Mayer and Helmut Krcmar*

**Friday 30<sup>th</sup>, July 2010**

08:30-17:00 Welcome Desk

10:00-11:00 Session FP 30.1  
Intelligent Systems  
(Room: 1016)

**ACTION SELECTION FOR MULTI-SMDP BASED ROBOTS WITH DYNAMICALLY PRIORITIZED GOALS (F101)**

*Niko Prüssner, Willi Richert, Achim Rettberg and Christoph Rasche*

**HIGHLY ROBUST APPROACH FACE RECOGNITION USING HAMMING- TRACE COMBINATION (F015)**

*Rerkchai Fooprateepsiri and Werasak Kurutach*

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 30.2  
Agents  
(Room: 1016)

**AGENT-ENABLED ADAPTIVE DECISION SUPPORT SYSTEMS (F076)**

*James Dong, Gabrielle Peko and David Sundaram*

**TOWARDS A FLEXIBLE CONTEXT-AWARE PERVASIVE ALERT GENERATION SYSTEM (F024)**

*Alessandra Esposito, Luciano Tarricone and Marco Zappatore*

**WAGE – A WEB SERVICES AND AGENT-BASED GENERIC AUCTIONING ENVIRONMENT (S065)**

*Nausheen Saba Khuram, Andreas L. Symeonidis and Awais Majeed*

13:00-14:30 Lunch Break

14:30-15:30 Session FP 30.3  
Agents  
(Room: 1016)

**MP-JADE: A SECURE JADE FRAMEWORK FOR THE MOBILE AGENTS (F060)**

*Djamel Eddine Menacer, Habiba Drias and Christophe Sibertin-Blanc*

**LEARNING ARGUMENT SELECTION PREFERENCES IN ARGUMENTATION-BASED NEGOTIATION (F105)**

*Ariel Monteserin and Analía Amandi*

15:30-16:30 Poster Session  
(Room: 1016)

**BUILDING A KEYWORD-DRIVEN RECOMMENDER SYSTEM FOR ENTERTAINMENT VIDEOS WITH SIMPLE METADATA: A CASE STUDY (P025)**

*Huan-Yu Lin, Jun-Ming Su, Yi-Li Liu, Shian-Shyong Tseng, Chin-Fu Hung and Hsiao-Wen Kao*

**A MULTI-AGENT BASED SIMULATION MODEL OF AUTONOMOUS ROBOT IN DYNAMIC AND UNCERTAIN ENVIRONMENT (P027)**

*Emna Ayari, Samah Hadouaj and Khaled Ghedira*  
**PREFERENCES FOR ROBOTIC HOME COMPANIONS –  
A CONJOINT ANALYSIS (P034)**  
*Carsten Zoll, Martin Diruf, Caroline Spielhagen and Sibylle Enz*  
**DATAMINING TOOL WITH EXPLORATORY SEARCH AND  
FEATURE DISCOVERY (P104)**  
*Hiroshi Sugimura and Kazumori Matsumoto*

**20:00 – Conference Dinner**

## **Saturday 31<sup>st</sup> July 2010**

**08:30-12:45 Welcome Desk**

**10:00-11:00 Doctoral Consortium  
(Room: 1016)**

**11:00-11:30 Coffee Break**

**11:30-12:30 Session SP 31.1  
Intelligent Systems  
(Room: 1016)**

**VISUAL LANGUAGE RECOGNITION WITH A  
FEED-FORWARD NETWORK OF SPIKING NEURONS  
(S080)**  
*Craig Rasmussen, Garrett Kenyon and Matthew Sottile*  
**EXTRACTION AND APPLICATION OF PERSON  
TRAJECTORIES IN RETAIL ENVIRONMENTS (S046)**  
*Johannes Kröckel and Freimut Bodendorf*  
**DEVELOPMENT OF A FLOOD FORECASTING SYSTEM IN  
HYDROGRAPHIC BASINS BY MEANS OF ARTIFICIAL  
NEURAL NETWORKS (S026)**  
*Paulo Bousfield, Cladir Zanottelli, Cátia Ganske, Sidney Schosland,  
Flávio Lapolli and Lorival Chapuis*

**12:35 Best Paper Awards Ceremony and Closing Session  
(Room: 1016)**

*Prof. Pedro Isaías and Prof. António Palma dos Reis*