

IDC 2009 - 3rd International Symposium on Intelligent Distributed Computing  
October 13-14, 2009, Ayia Napa, Cyprus

Symposium Programme

Tuesday, October 13, 2009

8:00 - 9:00	Registration
9:00 - 9:20	Welcome Address
9:20 - 10:20	<b>Invited Paper: Nicholas R. Jennings and Alex Rogers</b> Computational Service Economies: Design and Applications <b>Chair: George A. Papadopoulos</b>
10:20 - 10:50	Coffee Break
10:50 - 12:50	<b>Session 1: Cooperative Systems</b> <b>Chair: Elvira Popescu</b>
10:50 - 11:10	Barbara Dunin-Keplicz, Linh Anh Nguyen, and <b>Andrzej Szałas</b> Fusing Approximate Knowledge from Distributed Sources
11:10 - 11:30	<b>Barbara Dunin-Keplicz</b> , Rineke Verbrugge, and Michał Slizak Case-study for TeamLog, a Theory of Teamwork
11:30 - 11:50	Andrei Olaru, Cristian Gratie, and Adina Magda Florea <b>(Andrei-Horia Mogos)</b> Emergent Properties for Data Distribution in a Cognitive MAS
11:50 - 12:10	<b>Alon Grubshtein</b> and Amnon Meisels Cost of Cooperation for Scheduling Meetings
12:10 - 12:20	<b>Joe Gorman</b> and Ulrik Johansen Distributed Information Sharing in Mobile Environments
12:20 - 12:30	<b>Carmen Morgado</b> , Jose C. Cunha, Nuno Correia, and Jorge Custodio Group-based Interactions for Multiuser Applications
12:30 - 12:40	S. M. Iacob, C. H. M. Nieuwenhuis, N. J. E. Wijngaards, G. Pavlin, and <b>J. B. van Veelen</b> Actor-Agent Communities: Design Approaches
12:40 - 12:50	Laszlo Aszalos and Andreas Herzig A Protocol for Execution of Distributed Logic Programs
12:50 - 15:00	Lunch Break

15:00 - 16:00	<b>Invited Paper: Dana Petcu</b> Challenges of Data Processing for Earth Observation in Distributed Environments <b>Chair: Costin Badica</b>
16:00 - 16:30	Coffee Break
16:30 - 18:30	<b>Session 2: Autonomic and P2P Systems</b> <b>Chair: Barbara Keplicz</b>
16:30 - 16:50	<b>Juan Luis J. Laredo</b> , Carlos Fernandes, Antonio Mora, Pedro A. Castillo, Pablo Garcia-Sanchez, and Juan Julian Merelo Studying the Cache Size in a Gossip-based Evolutionary Algorithm
16:50 - 17:10	<b>Blesson Varghese</b> and Gerard McKee Autonomous Execution of Tasks by Swarm Carrier Agents in Swarm-Array Computing
17:10 - 17:30	<b>Christian Johansson</b> , Fredrik Wernstedt, and Paul Davidsson A Case Study on Availability of Sensor Data in Agent Cooperation
17:30 - 17:40	Mircea Bardac, George Milescu, and Razvan Deaconescu ( <b>Andreea Urzica</b> ) Monitoring a BitTorrent Tracker for Peer-to-Peer System Analysis
17:40 - 17:50	<b>Edison Pignaton de Freitas</b> , Armando Morado Ferreira, Carlos Eduardo Pereira, and Tony Larsson Middleware Support in Unmanned Aerial Vehicles and Wireless Sensor Networks for Surveillance Applications
17:50 - 18:00	<b>Mihnea Scafes</b> and Costin Badica Distributed Goal-Oriented Reasoning Engine for Multi-Agent Systems: Initial Implementation
18:00 - 18:10	Eusebiu Marcu Self-built Grid
18:10 - 18:30	Doina Bein, Ajoy K. Datta, and Balaji ashok Sathyanarayanan E client Broadcasting by Selective Forwarding
20:00	Social Event (Dinner in a traditional Cypriot taverna)
Wednesday, October 14, 2009	
8:00 - 9:00	Registration

9:00 - 10:20	Session 3: Services, Ontologies and Frameworks <b>Chair: David Camacho</b>
9:00 - 9:20	<b>Gregor Pavlin</b> , Michiel Kamermans, and Mihnea Scafes Dynamic Process Integration Framework: Toward Efficient Information Processing in Complex Distributed Systems
9:20 - 9:40	Mirel Cosulschi, Oana Nicolae, Mihai Gabrovanu, and Nicolae Constantinescu ( <b>Cristian Mihaescu</b> ) Web Services for Search Integration
9:40 - 9:50	Beniamino Di Martino and <b>Pasquale Cantiello</b> Automatic Ontology Extraction with Text Clustering
9:50 - 10:00	<b>Andrei-Horia Mogos</b> and Andreea Urzica A Textual Notation for Process Modelling
10:00 - 10:10	Kalliopi Kravari, <b>Efstratios Kontopoulos</b> , and Nick Bassiliades A Trusted Defeasible Reasoning Service for Brokering Agents in the SemanticWeb
10:10 - 10:20	Alex Muscar and Mirel Cosulschi ( <b>Cristian Mihaescu</b> ) Blueprint. A Continuation-based Web Framework
10:20 - 10:50	Coffee Break
10:50 - 12:50	Session 4: Applications <b>Chair: Michele Malgeri</b>
10:50 - 11:10	David F. Barrero, <b>David Camacho</b> , and Maria D. R-Moreno A Framework for Agent-Based Evaluation of Genetic Algorithms
11:10 - 11:30	<b>Elvira Popescu</b> , Costin Badica, and Lucian Moraret WELSA: An Intelligent and Adaptive Web-based Educational System
11:30 - 11:50	Eugenijus Kurilovas Interoperability, Standards and Metadata for e-Learning
11:50 - 12:10	Gabriel Mihai, Liana Stanescu, Dumitru Burdescu, Marius Brezovan, and Cosmin Stoica Spahiu ( <b>Elvira Popescu</b> ) A Topic Map for "subject-centric" Learning
12:10 - 12:20	Angelo Costa, <b>Paulo Novais</b> , Ricardo Costa, Jose Machado, and Jose Neves A Memory Assistant for the Elderly
12:20 - 12:30	Claudiu Tanase and <b>Andreea Urzica</b> Global Military Conflict Simulator

12:30 - 12:40	<b>Cristian Mihaescu</b> , Dumitru Dan Burdescu, Mihai Mocanu, and Costel Ionascu Obtaining Knowledge Using Educational Data Mining
12:40 - 12:50	Karin Rainer, Nadine Sturm, Stefan Schönhacker, and Gerhard Chroust SimRad.NBC – Simulation and Information System for Rescue Units at CBRN Disasters
12:50 - 15:00	Lunch Break
15:00 - 16:00	Session 5: Trust and Privacy <b>Chair: Gregor Pavlin</b>
15:00 - 15:20	Vincenza Carchiolo, Alessandro Longheu, <b>Michele Malgeri</b> , and Giuseppe Mangioni The Assessment of Expertise in Social Networks
15:20 - 15:40	Changjun Hu, <b>Yu Weng</b> , Xuechun Zhang, and Chengxiu Xue Hot Topic Detection Based on Opinion Analysis for Web Forums in Distributed Environment
15:40 - 15:50	<b>Miroslav Novotny</b> and Filip Zavoral Towards Reliable Trust Management in Insecure P2P Environments
15:50 - 16:00	<b>Giannakis Antoniou</b> , Lynn Batten, Shivaramakrishnan Narayan, and Udaya Parampalli A Privacy Preserving e-Payment Scheme
16:00 - 16:10	Closing Session