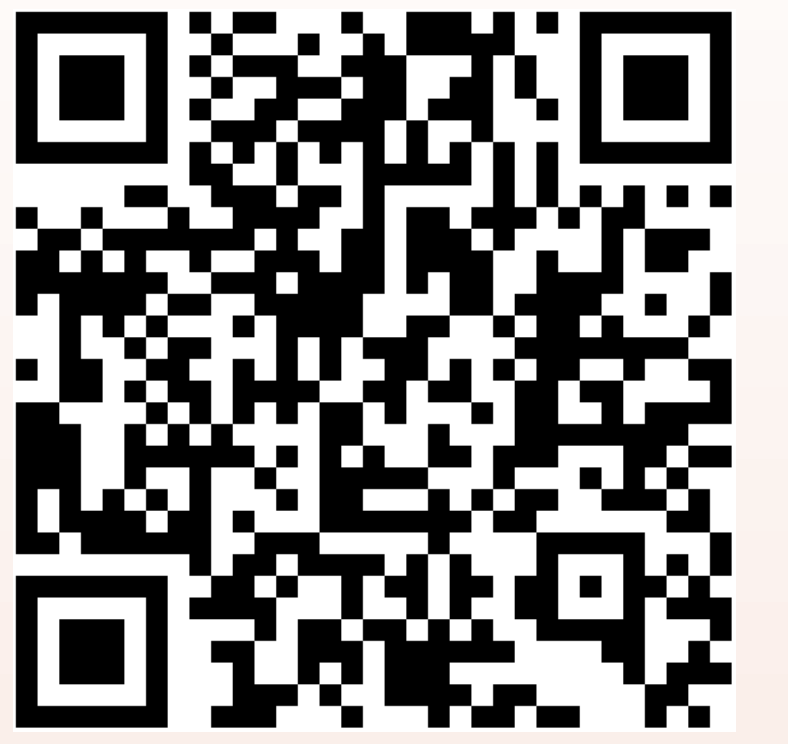




6th International Symposium on Intelligent Distributed Computing

September 24-26, 2012
Calabria, Italy



September, 24th

9.00 - 11.00

Tutorial 1:

SPINE - Signal Processing In Node Environment

Raffaele Gravina (Università della Calabria / SenSysCal Srl)

11.00 - 11.30 **Coffee Break**

11.30 - 13.00

Workshop A4C 2012:

Chair: Salvatore Venticinquè (Seconda Università di Napoli)

How to Monitor QoS in Cloud Infrastructures: The QoS-MONaaS Approach

Giuseppe Cicotti, Salvatore D'Antonio, Rosario Cristaldi, Antonio Sergio

Simulation-Based Performance Evaluation of Cloud Applications

Antonio Cuomo, Massimiliano Rak, Umberto Villano

Vendor Agents for IAAS Cloud Interoperability

Alba Amato, Luca Tasquier, Adrian Copie

Agents Layer to Support Cloud Applications

Calin Sandru, Salvatore Venticinquè

13.30 - 14.30 **Lunch**

14.30 - 16.30

Tutorial 2

WADE - Workflows and Agents Development Environment

Giovanni Caire (Telecom Italia)

16.30 - 17.00 **Coffee Break**

17.00 - 18.00

Workshop MASTS 2012

Chair: Costin Badica (University of Craiova)

Policy-Based Instantiation of Norms in MAS

Andreea Urzica, Cristian Gratie

A Multi-Agent System for Service Acquiring in Smart Environments

Irina Mocanu, Lorina Negreanu, Adina Magda Florea

Newtonian Emotion System

Valentin Lungu

September, 25th

8.30 - 9.00

Conference Opening

General Chair: Giancarlo Fortino (Università della Calabria)

9.00 - 10.00

Invited Talk

Information Fusion as Aid for Qualitative Enhancement of Intelligence Extraction in Multi-source Environments - A Panoramic View of Architectures, Algorithms and Applications

Belur V. Dasarathy

10.00 - 11.00

Session 1: Self-organization and Bio-Inspiration

Chair: Corrado Santoro (Università di Catania)

Using Building Blocks for Pattern-Based Simulation of Self-organising Systems

Christopher Haubeck, Ante Vilenica, Winfried Lamersdorf

Molecules of Knowledge: Self-organisation in Knowledge-Intensive Environments

Stefano Mariani, Andrea Omicini

A Self-organized Approach for Detecting Communities in Networks

Ben Collingsworth, Ronaldo Menezes

11.00 - 11.30 **Coffee Break**

11.30 - 12.30

Session 2: Multi-Agent Systems

Chair: Andrea Omicini (Università di Bologna)

Extending Jason with Promises for Concurrent Computation

Alex Muscar

Dynamic Case-Based Reasoning Based on the Multi-Agent Systems: Individualized Follow-Up of Learners in Distance Learning

Abdelhamid Zouhair, El Mokhtar En-Naimi, Benaissa Amami, Hadhoum Boukachour, Patrick Person, Cyrille Bertelle

Distributed Paraconsistent Belief Fusion

Barbara Dunin-Keplicz, Andrzej Szalas

A Multi-tiered Recommender System Architecture for Supporting E-Commerce

Luigi Palopoli, Domenico Rosaci, Giuseppe M.L. Sarne'

12.30 - 13.30

Session 3: Agent-Based Intelligent Applications

Chair: Michele Malgeri (Università di Catania)

Healthcare Interoperability through a JADE Based Multi-Agent Platform

Miguel Miranda, Jose' Machado, Antonio Abelha, Jose' Neves

An Architectural Pattern for Designing Intelligent Enterprise Systems

Eugenio Zimeo, Gianfranco Oliva, Fabio Baldi, Alfonso Caracciolo

MUSE: Multilinguality and Semantics for the Citizens of the World

Michele Bozzano, Daniela Briola, Diego Leone, Angela Locoro, Lanfranco Marasso, Viviana Mascardi

Ontology Based Road Traffic Management

A.J. Bermejo, J. Villadangos, J.J. Astrain, A. Cordoba

13.30 - 14.30 **Lunch**

14.30 - 15.30

Session 4: Distributed Systems

Chair: Marcin Paprzycki (SRI Polish Academy of Science)

Autonomy and Differentiation in Distributed Systems

Ichiro Satoh

Towards Characterizing Distributed Complex Situation Assessment as Workflows in Loosely Coupled Systems

Costin Badica, Claudine Conrado, Franck Mignet, Patrick de Oude, Gregor Pavlin

A Trust-Based Approach for a Competitive Cloud/Grid Computing Scenario

Fabrizio Messina, Giuseppe Pappalardo, Domenico Rosaci, Corrado Santoro, Giuseppe M.L. Sarne'

Data Science and Distributed Intelligence

Alfredo Cuzzocrea, Mohamed Medhat Gaber

15.30 - 16.00 **Coffee Break**

16.00 - 17.00

Session 5: Parallel Computing

Chair: Giancarlo Fortino (Università della Calabria)

Data-Flow Awareness in Parallel Data Processing

David Bednarek, Jiri Dokulil, Jakub Yaghob, Filip Zavoral

Efficient Group Communication for Large-Scale Parallel Clustering

David Pettinger, Giuseppe Di Fatta

A High Performance Engine for Concurrent CEP in Erlang

Bill Karakostas

Sensorization and Intelligent Systems in Energetic Sustainable Environments

Fabio Silva, David Cuevas, Cesar Analide, Jose' Neves, Jose' Marques

17.30 - Midnight

Social Event and Dinner

September, 26th

9.00 - 10.00

Invited Talk

Nature-Inspired Coordination for Complex Distributed Systems

Andrea Omicini

10.00 - 11.00

Session 6: Social Computing and Networks

Chair: Alfredo Cuzzocrea (ICAR - CNR)

Contextual Synchronization for Efficient Social Collaborations: A Case Study on TweetPulse

Jason J. Jung

Crafting Kinship Networks by Exploring Acquaintances Relationships

V. Carchiolo, V. Di Martino, A. Longheu, M. Malgeri, G. Mangioni

The Effects of Pre-trusted Peers Misbehaviour on EigenTrust

V. Carchiolo, A. Longheu, M. Malgeri, G. Mangioni

11.00 - 11.30 **Coffee Break**

11.30 - 12.30

Session 7: Agents and Sensor Networks

Chair: Rainer Unland (University of Duisburg-Essen)

Intelligent Evacuation System for Flood Disaster

Sefrioui Imane, Cherrat Loubna, Ezziyyani Mostafa, Essaaidi Mohammed

Integrating Jade and MAPS for the Development of Agent-Based WSN Applications

Mariusz Mesjasz, Domenico Cimadoro, Stefano Galzarano, Maria Ganzha, Giancarlo Fortino, Marcin Paprzycki

Emergent Distributed Bio-organization: A Framework for Achieving Emergent Properties in Unstructured Distributed Systems

George Eleftherakis, Ognjen Paunovski, Konstantinos Rousis, Anthony J. Cowling

12.30 - 13.30

Session 8: Collaborative Computing, Mobile Networks and Intelligence

Chair: Giancarlo Fortino (Università della Calabria)

Adaptive Patterns for Intelligent Distributed Systems: A Swarm Robotics Case Study

Mariachiara Puviani, Giacomo Cabri, Letizia Leonardi

A Distributed Allocation Strategy for Data Mining Tasks in Mobile Environments

Carmela Comito, Deborah Falcone, Domenico Talia, Paolo Trunfio

A Collaborative Bayesian Watchdog for Detecting Black Holes in MANETs

Manuel D. Serrat-Olmos, Enrique Hernandez-Orallo, Juan-Carlos Cano, Carlos T. Calafate, Pietro Manzoni

Maximal Component Detection in Graphs Using Swarm-Based and Genetic Algorithms

Antonio Gonzalez-Pardo, David Camacho

13.30

Conference Closing and Greetings



ASOCIAȚIA ROMÂNĂ PENTRU INTELIGENȚĂ ARTIFICIALĂ



Dipartimento di ELETTRONICA INFORMATICA E SISTEMISTICA

