Wednesday, September 3, 2014

9:00 - 9:45  Registration (Main lobby)
9:45 - 10:00  Conference Opening (David Camacho, General Chair). (Building A: Class 2)

10:00 - 11:00  Session 3.1 (Building A: Class 2): Agents
Session Chair: T.B.A.
10:00 - 10:20  Distributed Event Processing for Goal-oriented Workflows / Kai Jander, Lars Braubach and W. Lamersdorf
10:20 - 10:40  Agent based negotiation of decentralized energy production / Luca Tasquier, Marco ScialDONE, Rocco Aversa, and Salvatore Venticinque
10:40 - 11:00  Models of Autonomy and Coordination: Integrating Subjective & Objective Approaches in Agent Development Frameworks / Stefano Mariani, Andrea Omicini, and Luca Sangiorgi

11:00 - 11:40  Coffee Break

11:40 - 13:00  Session 3.2 (Building A: Class 2): Machine Learning
Session Chair: Salvatore Venticinque
11:40 - 12:00  A Machine Learning Attack Against the Civil Rights CAPTCHA / Carlos Javier Hernández-Castro, David F. Barrero, and María D. R-Moreno
12:00 - 12:20  Regression from Distributed Data Sources using Discrete Neighborhood representations and modified Stalked Generalization Models / Héctor Allende-Cid, Claudio Moraga, Héctor Allende, and Raúl Monge
12:20 - 12:40  On a Machine Learning Approach for the Detection of Impersonation Attacks in Social Networks / Esther Villar-Rodriguez, Javier Del Ser, and Sancho Salcedo-Sanz

13:00-14:30  Lunch (Plaza Mayor)

14:30 - 15:30  Session 3.3 (Building A: Class 2): Affective Computing
Session Chair: T.B.A.
14:30 - 14:50  Statistical Inference for Intelligent Lighting: A Pilot Study / Aravind Kota Gopalakrishna, Tanir Ozcelebi, Antonio Liotta, Johan J. Lukkien
14:50 - 15:10  How Musical Selection Impacts the Performance of the Interaction with the Computer / Mickael da Costa, Davide Carneiro, Marcelo Dias, Paulo Novais
15:10 - 15:30  Detection of Distraction and Fatigue in Groups Through the Analysis of Interaction Patterns with Computers / André Pimenta, Davide Carneiro, Paulo Novais, José Neves

16:00 - 17:30  Workshop 1 (Building A: Class 2): WSRL’14
Session Chair: Massimiliano Mattei
16:00 - 16:15  A Parallel and a Distributed Implementation of the Core Paths Graph Algorithm / Domenico Pascarella, Salvatore Venticinque, Rocco Aversa, Massimiliano Mattei, and Luciano Blasi
16:15 - 16:30  A Semantic Driven Approach for Requirements Verification / Gabriella Gigante, Francesco Gargiulo, and Massimo Ficco
16:30 - 16:45  An Hybrid Architecture to enhance Attacks Detection on IT infrastructure / Mario Sicuranza, Giovanni Paragliola, Cesario Di Sarno, and Alessia Garofalo
16:45 - 17:00  A View-Based Acces Control Model for EHR systems / Mario Sicuranza, Angelo Esposito, and Mario Ciampi
17:00 - 17:15  Resilient Semantic Sensor Middleware / Gianpio Benincasa, Giuseppe D’Aniello, Matteo Gaeta, Vincenzo Loia, and Francesco Orciuoli
17:15 - 17:30  Use of the Dempster-Shafer Theory for Fraud Detection: the Mobile Money Transfer Case Study / Luigi Coppolino, Salvatore D’Antonio, Valerio Formicola, Carmine Massei, and Luigi Romano

Thursday, September 4, 2014

9:00 - 9:30  Registration (Main lobby)
9:30 - 10:30  Session 4.1 (Building A: Class 2): Cloud and Grid Computing
Session Chair: Salvatore Venticinque
9:30 - 9:50  Improving Grid Nodes Coalitions by Using Reputation / Pasquale De Meo, Fabrizio Messina, Domenico Pascarella, Salvatore Venticinque, Rocco Aversa, Massimiliano Mattei, and Luciano Blasi
9:50 - 10:10  User-Centric Cloud Intermediation Services / Luis Nogueira and Jorge Coelho
10:10 - 10:30  Towards Elastic Component-based Cloud Applications / Alexander Pokahr and Lars Braubach

10:30 - 11:30  Keynote Speaker: Juan Julián Merelo “Low or no cost distributed evolutionary computation” (Building A: Salón de Grados) Chair: T.B.A.

11:30 - 12:00  Coffee Break

12:00 - 13:00  Session 4.2 (Building A: Class 2): Social Analysis and Clustering
Session Chair: T.B.A.
12:00 - 12:20  Social Tagging Analytics for Processing Unlabeled Resources: a Case Study on Non-geotagged Photos / Tuong Tri Nguyen, Dosam Hwang and Jason J. Jung
12:20 - 12:40  Mixed Clustering Methods to Forecast Baseball Trends / Héctor D. Menéndez, Miguel Vázquez, and David Camacho
12:40 - 13:00  SACDC: A spectral-based ACO clustering algorithm / Héctor D. Menéndez, Fernando E. B. Otero, and David Camacho

13:00 - 14:30  Lunch (Plaza Mayor)

14:30 - 15:45  Session 4.3 (Building A: Class 2): Big Social Data and Networks Analysis
Session Chair: T.B.A.
14:30 - 14:50  Multi-agent negotiation of decentralized energy production in smart micro-grid / Alba Amato, Beniamino Di Martino, Marco Scialdone, and Salvatore Venticinque
14:45 - 15:00 Modeling Open Accessibility Data of Public Transport/ Paloma Cáceres, Almudena Sierra Alonso, Carlos E. Cuesta, Belén Vela, and José María Cavero
15:00 - 15:15 2D-Social Networks: A way to virally distribute popular information avoiding spam / Pasquale De Meo, Fabrizio Messina, Domenico Rosaci, and Giuseppe M. Sarné
15:15 - 15:30 The effect of topology on the attachment process in trust networks / V. Carchiolo, A. Longheu, M. Malgeri, and G. Mangioni
15:30 - 15:45 Time-Frequency Social Data Analytics for Understanding Social Big Data / Duc T. Nguyen, Dosam Hwang, and Jason J. Jung

15:45 - 16:15 Coffee Break
16:15 - 17:00 Workshop 2 (Building A: Class 2): MASTS’2014 Session Chair: Costin Badica
16:15 - 16:30 Data Fusion in a Multi Agent System for Person Detection and Tracking in an Intelligent Room / Matei Chiperi, Mihai Trascau, Irina Mocanu, and Adina Magda Florea
16:30 - 16:45 Emergence of Norms in Multi-Agent Societies: Influence of Population Size and Topology / Marius-Tudor Benea and Mihai Trascau
16:45 - 17:00 From Intentions to Plans: A Contextual Planning Guidance / Ahmed-Chawki Chaouche, Amal El Fallah Seghrouchni, Jean-Michel Ilié, and Djamel Eddine Saidouni (presenter: Marius-Tudor Benea)

19:30 - 22:00 Conference Dinner (   )

Friday, September 5, 2014

9:00 - 9:30 Registration (Main lobby)

9:30 - 10:30 Session 5.1 (Building A: Class 2): Bio and Epidemic intelligence Session Chair: T.B.A.
9:30 - 9:50 A Genetic Approach for Virtual Computer Network Design / Igor Saenko and Igor Kotenko
9:50 - 10:10 Gene Expression Programming for evolving two-dimensional Cellular Automata in a distributed environment / César Manuel Vargas Benítez, Wagner Weirnet, and Heitor Silvério Lopes
10:10 - 10:30 Expansion Quality of Epidemic Protocols / Pasu Poonpakdee and Giuseppe Di Fatta

11:30 - 12:00 Coffee Break
12:00 - 13:00 Session 5.2 (Building A: Class 2): Parallel Analysis and Big Data Session Chair: T.B.A.
12:00 - 12:20 Core Heuristics for Preference-Based Scheduling in Virtual Organizations of Utility Grids / Victor Toporkov, Anna Toporkova, Alexey Tsislischev, Dmitry Yemelyanov, and Petr Potekhin
12:20 - 12:40 Locality Aware Task Scheduling in Parallel Data Stream Processing / Zbyněk Falt, Martin Krulis, David Bednárek, Jakub Yaghob, and Filip Zavoral
12:40 - 13:00 Semantic Information Fusion of Linked Open Data and Social Big Data for the Creation of an Extended Corporate CRM Database / Ana I. Torre-Bastida, Esther Villar-Rodriguez, Javier Del Ser, and Sergio Gil-Lopez
13:00 - 14:30 Lunch (Plaza Mayor)

14:30 - 15:45 Session 5.3 (Building A: Class 2): Bio + Agents + E-Healthcare Session Chair: T.B.A.
14:30 - 14:45 Lifestyle Recommendation System for Treating Malnutrition / Cristina Bianca Pop, Viorica R. Chifu, Ioan Salomie, Adela Stetcu, and Roxana Plaian
14:45 - 15:00 Following the Problem Organisation: A Design Strategy for Engineering Emergence / Victor Noël and Franco Zambonelli
15:00 - 15:15 Simulation of bio-inspired security mechanisms against network infrastructure attacks / Igor Kotenko and Andrey Shorov
15:30 - 15:45 Distributed Runtime Verification of JADE Multiagent Systems / Daniela Briola, Viviana Mascardi and Davide Ancona

15:45 - 16:15 Coffee Break
16:15 - 17:15 Session 5.4 (Building A: Class 2): Machine Learning and Self Organization Session Chair: Lars Braubach
16:30 - 16:45 AGGE: A Novel Method to Automatically Generate Rule Induction Classifiers Using Grammatical Evolution / Romaisaa Mazouni and Abdellatif Rahmoun
16:45 - 17:00 Anomalous Web Payload Detection: Evaluating the Resilience of 1-grams Based Classifiers / Sergio Pastrana, Carmen Torrano-Gimenez, Hai Tran Nguyen, and Agustín Orfila
17:00 - 17:15 Online Gamers Classification using K-means / Fernando Palero, Cristian Ramirez-Atencia, and David Camacho

17:20 - 17:30 Closing (Building A: Class 2)