



## IDC 2013 program

| Sep 4        |                 | Sep 5        |                   | Sep 6        |              |
|--------------|-----------------|--------------|-------------------|--------------|--------------|
| <b>9:00</b>  | Registration    | <b>9:00</b>  | Registration      | <b>9:00</b>  | Registration |
| <b>9:30</b>  | Session 1       | <b>9:30</b>  | Session 3         | <b>9:30</b>  | Session 5    |
| <b>10:50</b> | Coffee break    | <b>10:50</b> | Coffee break      | <b>10:50</b> | Coffee break |
| <b>11:20</b> | Invited lecture | <b>11:20</b> | Invited lecture   | <b>11:20</b> | Session 6    |
| <b>12:45</b> | Lunch           | <b>12:45</b> | Lunch             | <b>12:45</b> | Lunch        |
| <b>14:00</b> | Session 2       | <b>14:00</b> | Session 4         | <b>14:00</b> | Session 7    |
| <b>15:00</b> | Coffee break    | <b>15:20</b> | Break             | <b>15:00</b> | Closing      |
| <b>15:20</b> | MASTS           | <b>15:30</b> | A4C               |              |              |
| <b>16:40</b> | Break           | <b>17:30</b> | End               |              |              |
| <b>16:50</b> | MASTS           | <b>19:00</b> | Conference Dinner |              |              |

## September 4

### 9:00 Registration

### 9:30 Session 1 – Distributed Data Processing

**Chair: Domenico Rosaci**

M. Chytil, M. Polak, M. Necasky and I. Holubova  
*Evolution of a Relational Schema and its Impact on SQL Queries*

H. Allende-Cid, C. Moraga, H. Allende and R. Monge  
*Context-aware Regression from Distributed Sources*

M. Yamaguchi and T. Miura  
*Incremental Patterns in Text Search*

M. Dostal, M. Nykl and K. Jezek  
*Exploration of document classification with Linked Data and PageRank*

### 10:50 Coffee break

### 11:20 Invited lecture

M. Pěchouček  
*Future challenges of multiagent research and agent technology*

### 12:45 Lunch

### 14:00 Session 2 – Intelligent Networks

**Chair: Takao Miura**

D. Rosaci and S. Giuseppe M.L.  
*REBECCA: Using Trust-based Filtering to Improve Recommendations for B2C e-Commerce*

F. Zambonelli, G. Castelli, M. Mamei and A. Rosi  
*Programming Self-organizing Pervasive Applications with SAPERE*

D. Rosaci and S. Giuseppe M.L.  
*Matching Users with Groups in Social Networks*

### 15:00 Coffee break

### 15:20 Workshop – MASTS

**Chair: Adina Florea**

A. Urzica and I. Bobric  
*Distributed Reputation Mechanism Using Semantic Repositories*

I. Mocanu and L. Negreanu  
*Agents Modeling under Fairness Assumption in Event-B*

G. Iuhasz, V. Munteanu and V. Negru  
*A Survey of Adaptive Game AI: Considerations for Cloud Deployment*

I. Shvartsman and K. Taveter  
*From Agent-Oriented Models to Profile Driven Military Training Scenarios*

### 16:40 Break

### 16:50 Workshop – MASTS (continue)

M. Puica, I. Mocanu and A. Florea  
*Agent-based System for Affective Intelligent Environments*

T. Berariu  
*An Argumentation Framework for BDI Agents*

V. Lungu, A. Baltoiu and S. Radu  
*Using Emotion as Motivation in the Newtonian Emotion System*

## September 5

### 9:00 Registration

### 9:30 Session 3 – Distributed Systems

**Chair: David Camacho**

K. Hong, B. Ottenwalder and U. Ramachandran

*Scalable Spatio-Temporal Analysis on Distributed Camera Networks*

L. Nogueira and J. Coelho

*Service-wide Adaptations in Distributed Embedded Component-based Systems*

P. Chatalic and A. de Amorim Fonseca

*Somewhere2 - A robust package for collaborative decentralized consequence-finding*

L. Klejnowski, S. Niemann, Y. Bernard and Ch. Muller-Schloer

*Using Trusted Communities to Improve the Speedup of Agents in a Desktop Grid System*

### 10:50 Coffee break

### 11:20 Invited lecture

Ngoc Thanh Nguyen

*Integration Computing and Collective Intelligence*

### 12:45 Lunch

### 14:00 Session 4 – Distributed Algorithms

**Chair: Jorge Coelho**

V. V. Toporkov, A. Toporkova, A. Tselishchev and D. Yemelyanov

*Heuristic Co-allocation Strategies in Distributed Computing with Non-dedicated Resources*

P. Butka, J. Pocs and J. Pocsova

*Distributed Version of Algorithm for Generalized One-Sided Concept Lattices*

T. Potuzak

*Distributed/Parallel Genetic Algorithm for Road Traffic Network Division for Distributed Traffic Simulation*

A. Gonzalez-Pardo and D. Camacho

*Environmental influence in bio-inspired game level solver algorithms*

### 15:20 Break

### 15:30 Workshop – A4C

**Chair: Salvatore Venticinque**

M. Ficco, L. Tasquier and B. Di Martino

*Interconnection of Federated Clouds*

L. Coppolino, S. D'Antonio, L. Romano, F. Aisopos and K. Tserpes

*Effective QoS Monitoring in Large Scale Social Networks*

A. Amato, B. Di Martino, M. Scialdone and S. Venticinque

*Personalized Recommendation of Semantically Annotated Media Contents*

V. Ion Munteanu

*Supporting Cloud Governance Through Technologies and Standards*

F. Amato, A. Mazzeo, V. Moscato and A. Picariello

*Exploiting cloud technologies and context information for recommending touristic paths*

F. Amato, M. Barbareschi, V. Casola and A. Mazzeo

*An FPGA-based Smart Classifier for Decision Support Systems*

### 17:30 End

### 19:00 Conference Dinner

## September 6

### 9:00 Registration

### 9:30 Session 5 – Agent-based Systems

**Chair: Victor Toporkov**

B. Mermet and G. Simon

*A new proof system to verify GDT agents*

L. Braubach, K. Jander and A. Pokahr

*High-Volume Data Streaming for Agents*

M. Popovici and L. Negreanu

*Strategic behaviour in Multi-Agent Systems able to perform temporal reasoning*

### 10:50 Coffee break

### 11:20 Session 6 – Cloud Computing and Robotics

**Chair: Alessandro Longheu**

M. Gushev and S. Ristov

*Resource Scaling Performance for Cache Intensive Algorithms in Windows Azure*

D. Tovarnak, F. Nguyen and T. Pitner

*Distributed Event-driven Model for Intelligent Monitoring of Cloud Datacenters*

S. Gheorghe Pentiu, V. Oana and A. Ciupu

*Control of a Mobile Robot by Human Gestures*

Ł. Juskiewicz

*Improving noise robustness of speech emotion recognition system*

### 12:45 Lunch

### 14:00 Session 7 – Intelligent Networks

**Chair: Lars Braubach**

F. Nguyen, D. Tovarnak and T. Pitner

*Semantically Partitioned Peer to Peer Complex Event Processing*

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

*An heuristic to explore trust networks dynamics*

I. Muscalagiu, H. E. Popa and V. Negru

*The Impact of the "Nogood Processor" Technique in scale-free networks*

### 15:00 Closing