6th International Symposium on Intelligent Distributed Computing

IDC 2012

http://idc2012.deis.unical.it/

September 24-26, 2012

Calabria, Italy

Organized by:

Department of Electronics, Informatics and Systems (DEIS), University of Calabria, Italy

General Chair: Giancarlo Fortino University of Calabria

Steering Organization: Costin Badica University of Craiova (Romania)

Topics include:

- Intelligent service composition and orchestration
- E-service and Web intelligence
- Multi-agent systems
- Information extraction and retrieval in distributed environments
- Data mining and knowledge discovery in distributed environments
- Semantic and knowledge grids
- Agent-oriented Cloud Computing
- Distributed problem solving and decision making
- Ontologies and meta-data for describing heterogeneous resources and services
- Autonomic and adaptive distributed computing
- Intelligence in mobile and ubiquitous computing
- Intelligence in cooperative information systems, groupware and workflows, virtual enterprises, social networks
- Intelligent applications in e-business/e-commerce, e-learning, e-health, e-science, e-government, crisis management
- Self-organising and adaptive distributed systems
- Intelligence in Peer-to-Peer systems
- Emergent behaviours in complex distributed systems
- Distributed frameworks and middleware for Wireless Sensor Networks and Internet of Things
- Distributed nature-inspired and bio-inspired computing
- Knowledge integration and fusion from distributed

Important dates:

- Full paper submission: April 30, 2012
- Notification of acceptance: May 30, 2012
- Final (camera ready) paper due: June 15, 2012
- Symposium: September 24-26, 2012

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While, *Intelligent computing* covers a hybrid palette of methods and techniques derived from classical artificial intelligence, computational intelligence, multi-agent systems, *Distributed computing* focuses on the study and definition of systems that contain loosely-coupled components running on different networked computers that communicate and coordinate their actions.

The emergent field of *Intelligent Distributed Computing* is expected to pose special challenges of adaptation and fruitful combination of results of both areas with a great impact on the development of new generation intelligent distributed

All accepted papers will be included in the Symposium Proceedings, which will be published by Springer as part of their series Studies in Computational Intelligence.
http://www.springer.com/series/7092