



4th International Symposium on Intelligent Distributed Computing

IDC 2010

<http://www.ieee.ma/~idc2010>

Organized by:

IEEE Morocco Section

Software Engineering Department,
University of Craiova, Romania

September 16-18, 2010

Tangier, Morocco

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
- Intelligent integration of data and processes
- 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
- Modelling and simulation of intelligent distributed systems
- Distributed nature-inspired and bio-inspired computing
- Knowledge integration and fusion from distributed sources

Important dates:

- Full paper submission: April 2, 2010
- Notification of acceptance: May 7, 2010
- Final (camera ready) paper due: June 4, 2010
- Symposium: September 16-18, 2010

Contact:

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Intelligent computing covers a hybrid palette of methods and techniques derived from classical artificial intelligence, computational intelligence, multi-agent systems a.o. Distributed computing studies systems that contain loosely-coupled components running on different networked computers and that communicate and coordinate their actions by message transfer. 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 information systems.

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>