Welcome Message from the
ICLS 2012 Workshop Organizers

Welcome to the 2nd International Workshop on Intelligent Computing in Large-Scale Systems (ICLS 2012), organized in conjunction with the 6th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS 2012), which will be held July 4–6, 2012, in Palermo, Italy.

Intelligent computing is usually defined as advanced computing methods and techniques based on classical computational intelligence, artificial intelligence, and intelligent agents. Large-scale distributed systems, such as grids, peer-to-peer, and ad hoc networks, constellations, and clouds enable the aggregation and sharing of geographically distributed resources from different organization with distinct owners, administrators, and policies.

With the advent of large-scale distributed systems, where efficient interdomain operation is one of the most important features, novel methods and techniques should be investigated to enable secure access to data and resources, efficient scheduling, self-adaptation, decentralization, and self-organization. The concept of intelligent computing in large-scale systems brings together results from both areas with a positive impact on the development of new efficient data and information systems.

The aim of the ICLS workshop is to gather innovative academic and industrial research results related to all aspects of intelligent computing in large-scale distributed systems, ranging from conceptual and theoretical developments to advanced technologies and innovative applications and tools.

We would like to thank all of the authors for submitting their research work to the workshop and the reviewers for their time and constructive feedback to authors.

We hope all of you enjoy ICLS 2012 and will join us again at 2013 workshop.

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