

Title: New Advances in Computational Intelligence for Grid Computing

SCOPE:

Computational Intelligence methodology plays a very important role in Advanced Distributed Systems, especially Grid Computing. Some thoughts of intelligence can strengthen and enhance the performance considering the problem of optimizing functions. The integration of these aspects will bring the new inspiration to us.

The main aims of this workshop are to highlight the latest scientific advances within the Computational Intelligence and Distributed Computing. The objective is to provide a forum for researchers to present new ideas and contributions in the form of technical papers.

Topics:

Distributed Computing

Grid Application

Intelligence Control Methods in Distributed Computing

Intelligence Methods for Resource Allocation, Task Scheduling, Grid Service Publishing, Finding and Composing

Security Techniques and Methods

Resource Management System Architecture

Fractal Theory

Fuzzy Logic

Neural Networks

Genetic Algorithms

Intelligent Agents

Digital Signal Processing

Chaos Theory

Other topics

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