



First International Workshop on: Distributed Environments for Computational Science (DECS 2016)

**August 24-26, 2016
Paris, France**

In conjunction with IEEE joint conferences

**19th IEEE International Conference on Computational Science and Engineering
14th IEEE International Conference on Embedded and Ubiquitous Computing
15th IEEE International Symposium on Distributed Computing and Applications**

The aim of the Workshop is to share research contributions aimed at providing suitable approaches to scientists, taking advantage of the technological and computational innovations.

In particular, Distributed Computing, Cloud Computing, and GPGPU Computing technologies allow researchers to explore innovative frontiers of computation, provide innovative computing platforms and computational approaches. The ubiquity of information, the various devices that people are using in their daily lives and the volume of information available from several sources have imposed and spur the challenging tasks to find/create innovative solutions for speeding-up the computational capabilities of the systems.

The workshop will represent an important opportunity for scientists from various disciplines to explore the frontiers of innovative scientific computing.

Topics

Parallel/Distributed Computing Techniques.
Scientific Computing;
Cloud-Computing/Systems,
Sustainable Cloud,
Green Computing/Communication;

GPU architectures;
GPU benchmarking/measurements;
Multi-GPU systems; Heterogeneous GPU platforms;
GPU power/efficiency;
GPU applications
Intelligent/Mobile Agents,
Ontologies in Information and Communication Technology (ICT),
Social Networking and Computing;
Wireless Mobile/Pervasive Computing,
Service Oriented Computing;
Algorithms for Big Data Analytics;
Machine Learning and Deep Learning;

Organizers:

Oswaldo Gervasi, University of Perugia, Italy
Bernady O. Apduhan, Kyushu Sangyo University, Japan

Program Committee:

TBD

Important dates

Submission deadline: May 10, 2016
Author notification: June 11, 2016
Final manuscript due: July 11, 2016
Conference dates: August 24-26, 2016