ETNGRID 2009 CFP

01 dicembre 2017

ETNGRID 2009 CFP

Fifth Workshop on Emerging Technologies for Next generation GRID (ETNGRID-2009)

18th IEEE International Workshops on Enabling Technologies:
Infrastructures for Collaborative Enterprises (WETICE-2009)

http://etngrid.diit.unict.it

June 29 - July 1, 2009, Groningen (The Netherlands)
===

The Grid was originally designed as a large network of computer systems able to offer an environment where computing and storage resources are shared on-demand.
To date, the development of standards, such as the Open Grid Service Architecture (OGSA), along with the introduction of new paradigms, such as the Semantic Grid, is leading the Grid toward an environment that is not only suited for computational-intensive applications, but also for computing scenarios typical of distributed systems, like service and information providing, multimedia environments, ubiquitous computing, etc.

For these and other reasons, the Grid is becoming an interesting and challenging environment supporting both old and new services for cooperative applications. A relevant research effort is thus needed not only to investigate innovative Grid infrastructures but also to make the current Grid model suitable for these emerging usage scenarios.

The objective of this workshop is to gather researchers working on different emerging Grid computing aspects relevant to enterprise collaboration, covering issues ranging from the middleware layer to application development and user interaction. The goals of the workshop
include (but are not limited to) discovering new application scenarios, proposing new programming abstractions and tools, identifying the challenging problem that still need to be solved, and reporting results and experiences gained by researchers in building Grid-based middleware, applications and alike.

Submission Requirements

Participants are expected to submit an original research paper or a position paper, not submitted or published elsewhere, by email to <etngrid@diit.unict.it> or by EasyChair web submission form (available at http://etngrid.diit.unict.it/2009/submission.html). Submission should include the title of the paper, the names and affiliations of the authors, a 150-word abstract and at most eight keywords. Submission should follow the IEEE format (single spaced, two columns, 10pt, Times font) and not exceed six pages, including figures. Accepted papers will be published along with the WETICE 2009 post-proceedings.The paper should be in either PS or PDF format.

Papers must focus on collaborative aspects of the Grid, including, but not
limiting to, the following topics:
* Middlewares for the Grid
* Multimedia applications with the Grid

* Reflective and Aspect-Oriented Grid systems
* Reliability and Quality-of-Service aspects
* Wireless and ubiquitous access to the Grid
* Cooperative Agents and the Grid
* Grids and Peer-to-peer systems
* Web integration with the Grid
* Peer-to-peer and self-organizing approaches for the Grid
* Abstractions and tools for collaborative application development in Grid environments
* Semantic Grid
* Experience reports on collaborative application development in Grid
* Scalability and Performance issues in the Grid
* Analysis of stability and bottlenecks for Grid applications
* Resource-aware applications in the Grid
* Architectures for Grid-oriented applications
* Security and Verification Issues in Large Distributed Systems

Important Dates
----
* Extended Deadline for paper submission: March 6, 2009 (new)
* Notification of decision to Authors: March 27, 2009 (new)
* Final papers in PDF format to IEEE: April 10, 2009 (unchanged)

Steering Committee

Angelo Corsaro,
Prismtech, France

Antonella Di Stefano,
Dept. of Computer and Telecommunication Engineering,
Engineering Faculty, University of Catania, ITALY

Giuseppe Pappalardo,
Dept. of Computer Science and Mathematics,
Computer Science Faculty, University of Catania, ITALY

Corrado Santoro,
Dept. of Computer and Telecommunication Engineering,
Engineering Faculty, University of Catania, ITALY

Emiliano Tramontana,
Dept. of Computer Science and Mathematics,
Computer Science Faculty, University of Catania, ITALY

Program Chair

Giovanni Morana,
Dept. of Computer and Telecommunication Engineering,
Engineering Faculty, University of Catania, ITALY

Program Committee Members

Cosimo Anglano .... University of Piemonte Orientale, Italy
Roberto Barbera .... University of Catania, Italy
Dario Bruneo .... University of Messina, Italy
Mario Cannataro .... University of Calabria, Italy
Giovanni Chiola .... University of Genova, Italy
Paolo Ciancarini .... University of Bologna, Italy
Giancarlo Fortino .... University of Calabria, Italy
Aniruddha Gokhale .... Vanderbilt University, USA
Pilar Herrero .... Universidad Politécnica de Madrid, Spain
Giulio Iannello .... University of Naples Federico II, Italy
Ryszard Janicki .... McMaster University, Canada
Maciej Koutny .... University of Newcastle upon Tyne, UK
Carlo Mastroianni .... ICAR-CNR, Italy
Giovanni Morana .... University of Catania, Italy
Agostino Poggi .... University of Parma, Italy
Eric Renault .... GET/INT, Evry Cedex, France
Ilias Savvas .... Higher Tech. Edu. Institute of Larissa, Greece

Svetlana Shasharina ..... Tech-X Corporation, USA
Francois Taiani .... Lancaster Universtity, UK
Ian Taylor .... University of Cardiff, UK
Sara Tucci Piergiovanni.. University of Roma "La Sapienza", Italy
Brian Vinter .... University of Copenhagen, Denmark
Luca Vollero .... CINI ITeM, Italy
Ian Welch .... Victoria University of Wellington, New Zealand
Nanbor Wang .... Tech-X Corporation, USA