
HiPerGRID 2009

3rd International Workshop on High Performance Grid Middleware

28 May 2009, Bucharest, Romania, <http://hipergrid.grid.pub.ro>, Held in conjunction with CSCS-17 2009, THE 17th INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE, <http://cscs17.srait.ro>

Scope and Motivation

HiPerGRID is an annual workshop dedicated to dissemination and evaluation of current advances in Grid technologies research. The purpose of the workshop is to provide an open forum for researchers from the Grid middleware community to present, discuss, and exchange research-related ideas, results, and experiences in the area of high performance grid middleware. The objective of this event is to support community of researchers, developers, practitioners as well as current and potential Grid users who work in the field of grid technologies and their applications.

Grid Middleware refers to resource management, execution management, data management, security, monitoring and discovery, accounting, and other functions required by Virtual Organizations to operate effectively a shared services environment. Obtaining high performance Grid Middleware through new, innovative solutions is a challenge of today research, due to the strong requirements imposed by the dynamic behavior of the user and resource communities. The workshop also aims at stimulating synergies between Grid communities and related technology communities (P2P, Service Orientation, Workflow management).

Topics of Interest

Possible topics include, but are not limited to:

- Service Oriented Architecture
- P2P computing
- Cloud computing
- Cluster computing
- Scheduling and Meta-scheduling
- Load balancing and load sharing
- Resource Management
- Grid Monitoring and Control
- Distributed data storage and retrieval
- Data transfer and management
- Fault-tolerance and replication
- Grid security
- QoS and SLA
- Modeling and simulation
- Performance evaluation and prediction
- Workflow management

Workshop chairs

Nicolae Tapus, University Politehnica of Bucharest, RO
Valentin Cristea, University Politehnica of Bucharest, RO

Program Committee

Gabriel Antoniu, INRIA, France
Henri Bal, VU University Amsterdam, Nederland
Ioana Banicescu, Mississippi State University, USA
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Corina Stratan, University Politehnica of Bucharest, Romania
Fatos Xafa, Universitat Politècnica de Catalunya, Barcelona, Spain
Radu Popescu Zeletin, FOKUS, Berlin, Germany

Local Organizing Committee

Florin Pop, University Politehnica of Bucharest, RO
Ciprian Dobre, University Politehnica of Bucharest, RO
Alexandru Costan, University Politehnica of Bucharest, RO

Important Dates

March 22, 2009	Extended Paper Submission Deadline
March 15, 2009	Paper Submission Deadline
April 12, 2009	Acceptance Notification
May 3, 2009	Final Papers Due
May 3, 2009	Workshop Registration and fee
May 28, 2009	Workshop will take place in Bucharest (CSCS-17)

Publication

The papers of up to 8 pages should be formatted according to the IEEE style (available on [IEEE formatting](#) - 8.5"x11", two-column) and must be submitted in an electronic form (PDF format) using the submission page.

All papers will be peer reviewed by at least two or more independent referees of the program committee of HiPerGRID and accepted on the basis of their scientific merit and relevance to the Workshop topics. Papers accepted for presentation will be published in the HiPerGRID proceedings edited by IEEE Romania Section.



We also prepare a special issue for journal Future Generation Computer Systems (FGCS). We encourage the authors of accepted papers to submit updated versions of their papers to journal Future Generation Computer Systems (FGCS) with the subtitle: "The International Journal of Grid Computing: Theory, Methods and Application".

FGCS publishes original submissions and invited papers. Next to the regular issues, **Special Issues** are scheduled, dedicated to particular topics and edited by Guest Editors. The purpose of these special issues is to obtain state-of-the-art contributions to a selected field of topical interests, as well as timely insight into those specific areas.

Registration and accommodation

Information about registration and workshop fee will be available on the website (<http://hipergrid.grid.pub.ro>).

Contact

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