

The 2nd International workshop on Hybrid Cloud computing Infrastructure for E-Science application

HCCIEA
2013



July 3rd – July 5th, 2013, Taichung, Taiwan

To be held in conjunction with
The 7th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS 2013)



Workshop Organizers

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CALL FOR PAPER

Cloud Computing has become a scalable services consumption and delivery platform in the field of Services Computing. Cloud is a platform or infrastructure that enables execution of code (services, applications), in a managed and elastic way.

The attention is to put the emphasis of scientific and technologies progress on cloud solutions and infrastructures. In particular concerning research activities on resource control, vertical and horizontal scalability, adaptability using effective scheduling for the virtualization.

HCCIEA 2013 workshop has been conceived to promote research and development activities focused on E-science applications using distributed computing paradigms, such as cluster, Grid, Virtual Grid, Cloud Computing and Hybrid System. With the rapid emergence of software systems and their applicability, the great deal of data are growing exponentially. User requirements are getting more and more complex. Existing computing infrastructure, software system designs, and use cases will have to take into account the enormity in volume of requests, size of data and computing load. A complementary target is to identify the open issues and the challenges to fix them, especially on security, privacy and clouds protocols.

The workshop has the following topics (but are not limited to):

- Hybrid Cloud infrastructure for E-science application
- Virtual Grid in Cloud
- Cloud Reliability
- Big Data
- Cloud Serviceability and Architecture
- Elastic Computing
- Secure Cloud Computing
- Cloud management
- Novel cloud programming models
- IaaS-PaaS for scientific applications
- Distributed architecture
- Private and Public Cloud
- Architectural models for scaling of applications
- Distributed Database
- Cloud Computing
- Cloud Applications
- HPC in the Cloud
- Database in the Cloud
- Jobs and resources scheduling
- Federation of infrastructures

Submission Guidelines

Submit a full paper not more than eight pages (Proceedings Manuscripts: two columns, single-spaced), including figures and references, using 10 font size, and number each page.

You can find instructions for authors how to format the manuscript at the following web page: <http://www.computer.org/portal/web/cscps/home>

Full submission details will available at the HCCIEA 2013 workshop at: <https://sites.google.com/site/hcciea2013/>

CISIS 2013:
<http://voyager.ce.fit.ac.jp/conf/cisis/2013/index.html>

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Important Dates

Submission Deadline: December 15, 2012

Authors Notification: February 15, 2013

Author Registration: March 15, 2013

Final Manuscript: March 15, 2013

Conference Dates: July 3-5, 2013