ISMB
Istituto Superiore Mario Boella

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CALL FOR PAPER

Cloud Computing has becoming a scalable services consumption and delivery platform in the field of Services Computing. Cloud is a platform or infrastructure that allows execution of code in a managed and elastic way. We want to put the emphasis of scientific and technologies progress on cloud solutions and infrastructures. In particular concerning research activities on scalability, adaptability using effective scheduling for the virtualization.

HCCIEA workshop aims to promote research and development activities focused on E-science applications using distributed computing infrastructure, such as Grid, Cloud Computing, and Hybrid System. With the rapid emergence of software systems and their applicability, the great deal of data are growing exponentially due to requirements more and more complex. Existing computing infrastructure, software system designs, and use cases must take into account the enormity in volume of requests, size of data and computing load.
A complementary goal is to identify the open issues and the challenges to fix them, especially on security, flexibility, reliability and privacy aspects.

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

- ◊ Architectural Models for scaling of applications
- ◊ Big Data
- ◊ Cloud Applications
- ◊ Cloud Computing
- ◊ Cloud Management
- ◊ Cloud Networking
- ◊ Cloud Reliability
- ◊ Cloud Storage
- ◊ Database in the Cloud
- ◊ Distributed architecture
- ◊ Distributed Database
- ◊ Dynamic resource provisioning
- ◊ Elastic Computing
- ◊ Energy efficient issues
- ◊ Green Data Center
- ◊ Hybrid/Cloud infrastructure for E-science application
- ◊ Jobs and resources scheduling
- ◊ Novel cloud programming models
- ◊ Security and privacy in clouds

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.

Important Dates

Submission Deadline: March 15, 2016
Authors Notification: March 20, 2016
Author Registration: April 8, 2016
Final Manuscript: April 8, 2016

Proceedings will be published by IEEE CPS and presented papers will be considered for publication in some Special Issues in International Journals.

Further details at: https://sites.google.com/site/hcciea2016