

# The 6<sup>th</sup> International Workshop on Hybrid Cloud computing Infrastructure for E-Science application (HCCIEA 2017)

HCCIEA  
2017



To be held in conjunction with  
The 11th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2017)  
July 10<sup>th</sup> - July 12<sup>th</sup>, 2017, Turin, Italy

## 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.



Istituto Superiore Mario Boella

### Workshop Organizers

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Umeå, Sweden

### 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 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, 2017**

Authors Notification: April 15, 2017

Author Registration: April 25, 2017

Final Manuscript: April 25, 2017

Conference Dates: July 10-12, 2017

All accepted papers will be included in conference proceedings of Lecture Notes series published by Springer. Proceedings will be sent by Springer for indexing in EI and SCOPUS and presented papers will be considered for publication in some Special Issues in International Journals.

Further details at: <https://sites.google.com/site/hciea2017>