

THE 4TH INTERNATIONAL WORKSHOP ON HYBRID CLOUD COMPUTING INFRASTRUCTURE FOR E-SCIENCE APPLICATION (HCCIEA 2015)

HCCIEA
2015

To be held in conjunction with



THE 9TH INTERNATIONAL CONFERENCE ON COMPLEX, INTELLIGENT, AND SOFTWARE INTENSIVE SYSTEMS (CISIS 2015)

July 8-th - July 10-th, 2015, Regional University of Blumenau (FURB), Blumenau, Brazil



Workshop Organizers

Olivier Terzo

Istituto Superiore Mario Boella
Torino, Italy

Lorenzo Mossucca

Istituto Superiore Mario Boella
Torino, Italy

Pietro Ruiu

Istituto Superiore Mario Boella
Torino, Italy

Program Committee

Alfredo Cuzzocrea,
ICAR-CNR & University of Calabria,
Cosenza, Italy

Andrea Tosatto
Istituto Superiore Mario Boella
Torino, Italy

Antonio Attanasio
Istituto Superiore Mario Boella
Torino, Italy

Fatos Xhafa,
Technical University of Catalonia,
Barcelona, Spain

Giuseppe Caragnano,
Istituto Superiore Mario Boella
Torino, Italy

Klodiana Goga,
Istituto Superiore Mario Boella
Torino, Italy

Lee Gillam
University of Surrey,
Surrey, UK

Leonard Barolli
Fukuoka Institute of Technology,
Fukuoka, Japan

Rajdeep Bhowmik
Cisco Systems, Inc,
New York, USA

Salvatore Distefano
Politecnico di Milano,
Milan, 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.

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
- Architectural models for applications scaling
- Distributed Database
- Cloud Computing
- Cloud Applications
- HPC in the Cloud
- Database in the Cloud
- Jobs and resources scheduling
- Federation of infrastructures

The best workshop papers will be published in the International Journal of Cloud Computing (IJCC).

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.

Full submission details is available at: <https://sites.google.com/site/hcciea2015/>

CISIS 2015: <http://voyager.ce.fit.ac.jp/conf/cisis/2015/>



Important Dates

Submission Deadline: March 20, 2015

Authors Notification: March 25, 2015

Author Registration: April 10, 2015

Final Manuscript: April 10, 2015

Conference Dates: July 8-10, 2015