



# The Third International Workshop on Dependability of Clouds, Data Centers and Virtual Machine Technology (DCDV 2013)



<http://www.cse.ust.hk/DCDV2013/>

in conjunction with

The 43<sup>rd</sup> Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2013)

June 24, 2013 Budapest, Hungary

## CALL FOR PAPERS

### Workshop Co-Chairs

**Jogesh K. Muppala**

*HK Univ. of Sci. and Tech., Hong Kong*

**Matti Hiltunen**

*AT&T Labs-Research, USA*

**Roy Campbell**

*UIUC, USA*

**Paulo Verissimo**

*Universidade de Lisboa, Portugal*

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Vibhu Sharma, Accenture, India

Kishor S. Trivedi, Duke U., USA

Aad van Moorsel, U. Newcastle, UK

Shalini Yajnik, Avaya Labs, USA

### PURPOSE AND SCOPE

Cloud computing can be characterized as the culmination of the integration of computing and data infrastructures to provide a scalable, agile and cost-effective approach to support the ever-growing critical IT needs of both enterprises and the general public. Massive data centers providing storage and processing power with fast network connectivity form the core of the support infrastructure for the cloud. It is thus imperative that we get the cloud and consequently the underlying data center infrastructure right so that both the deployment, operation and maintenance of the infrastructure is efficient, cost-effective and meets the performance, dependability and security requirements. The Third International Workshop on Dependability of Clouds, Data Centers and Virtual Machine Technology (DCDV 2013) will bring together academics and industry practitioners in order to share experiences, discuss existing state-of-the-art and set directions for future research and evolution for this dynamic and rapidly evolving field.

Topics of particular interest include, but are not limited to:

- Architecture and design of clouds and data centers for dependability
- Faults, failure diagnosis, and recovery issues in clouds and data centers
- Dependability challenges and solutions for cloud users and cloud providers
- Dependability and security of virtual machine and multicore technology
- Dependability metrics, analysis, and evaluation for clouds and data centers
- Assured services, protocols and standards for clouds
- Dependability benchmarking and measurements in clouds and data centers
- Security and privacy issues in clouds and data centers
- Sustainability issues and energy management in clouds/data centers
- Trust, policy management and regulatory compliance issues

### IMPORTANT DATES

**Paper submission: Mar. 01, 2013**

Acceptance notification: Apr. 12, 2013

Camera-ready version: Apr. 30, 2013

Workshop: June 24, 2013 - Workshop

### PAPER SUBMISSION

Papers presenting original and unpublished work are invited to be submitted and will be evaluated based on originality, significance, technical correctness, and clarity of exposition. Submitted papers should be formatted in a two-column IEEE Computer Society format (URL: <http://www.computer.org/portal/web/cscps/formatting/>) and should not exceed 6 pages including figures and references. Submission instructions will be provided on the workshop website at: <http://www.cse.ust.hk/DCDV2013/>