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2

Call for Papers of DOA-SVI 2012

DOA-SVI'12 is the second International Symposium on Secure Virtual Infrastructures (incorporating and extending the 13th DOA Symposium and 6th IS Symposium). DOA-SVI 2012 is organized as a component conference of the OnTheMove Federated Conferences & Workshops. This year's OTM event will be held in Rome, Italy, from 10 - 14 September 2012.

Current and future software needs remain focused towards the development and deployment of large and complex intelligent and networked information systems, required for the internet- and intranet-based systems in organizations, and covering a very wide range of application domains as well as technology and research issues.

For 2012, the following themes to be addressed by novel research have been identified:

TOPICS OF INTEREST

The topics of this symposium include, but are not limited to:

- Virtualized Computing Infrastructures
- Service-Oriented Architecture, Service-Oriented Computing
- Datacenter Architecture and Management
- Cloud Trust, Security, Privacy and Confidentiality
- Cloud Models and Development Tools
- Cloud Operation and Resource Management
- Cloud Performance Modeling and Benchmarks
- Cloud Business Applications and Case Studies
- Cloud Access Control and Authentication
- Cryptographic Algorithms and Protocols
- Reliability, Fault Tolerance, Quality-of-Service
- Service Level Agreements and Performance Measurement
- Pervasive / Ubiquitous Computing in the Cloud
- Internet of Things
- Software, Database and DataWarehouse security
- Privilege Management Infrastructure
- Network Security
- Identity and Trust Management
- Networks of Trust, Clouds of Trust
- Value Based Design
- Infrastructures for Social Computing and Networking
- Clouds and Social Media
- Reality Mining
- Formal methods and tools for Cloud computing

MOTIVATION

Distributed computation is undergoing a radical paradigm shift, where users and developers alike are becoming fully decoupled from the technology infrastructure where their applications are executed. Computations details are abstracted by an increasingly deep virtualization layer, veiling distributed execution by means of the same "cloud" that supports it. Together, the notion of Cloud Computing and the related one of service-orientation are enabling new business models based on the seamless provision of dynamically scalable, virtualized resources as services made available "over the cloud", to be accessed via a web browser.

For this vision to be realised, a number of problems need to be solved, involving the nuts-and-bolts of virtualization as well as the reliability, scalability, security and distribution transparency of cloud-based computations, and the abstractions leading their development (e.g. service composition versus on-line architectural transformations). Along with the rapid evolution of these fields, the Cloud vision requires a huge research and development effort in the underlying technologies, whose advances will broaden the scope of the Cloud's applicability.

DOA-SVI 2012 will investigate all issues related to the potential of the Cloud notion as a metaphor for the future Internet Services, providing semantically rich service descriptions and seamless interfaces to (virtual images of) locally held devices and other technologies such as the traditional Web, distributed datacenters and peer-to-peer systems.

IMPORTANT DATES:

	DOA-SVI (Sept 10-12)
Abstract Submission deadline:	May 11, 2012
Paper Submission deadline:	May 18, 2012
Acceptance Notification:	June 25, 2012
Camera-Ready due:	July 16, 2012
Author Registration due:	July 16, 2012

SUBMISSION GUIDELINES:

<http://www.onthemove-conferences.org/index.php/doasvi12>

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