

## **Message from the Program Co-Chairs**

Welcome to the Workshop on Cloud Services, Federation, and the 8th Open Cirrus Summit held in conjunction with the International Conference on Autonomic Computing 2012 in San Jose, on 21 September 2012.

This workshop brings together researchers and practitioners to discuss the newest ideas and challenges in cloud services and federated cloud computing. The workshop consists of the presentation of peer reviewed papers to the workshop participants and the active discussion of topics related to the topic. Furthermore, we have planned a panel discussion.

The services offered by clouds are becoming critical for a wide variety of applications used by industry, education and government. There are now many examples of successful cloud services offered by public, private and community clouds. Many efforts exist that are creating cloud toolkits and frameworks to simplify the development and delivery of cloud services. The main purpose of this workshop is to bring together those responsible for designing, managing, and operating clouds services so that they can share experiences with each other. The workshop also welcomes users with requirements for new cloud services.

We are particularly interested in cloud services that can be used for federating clouds. Topics of interest include: Experiences, best practices, and lessons learned from operating cloud services; Testbeds for designing new cloud services; Cloud services for federating clouds; Management and provisioning of cloud services; Health and status monitoring of cloud services; Security of cloud services; Requirements for new cloud services; Reliability and fault tolerance of cloud services; Cloud services that span public and private clouds including the design of cloud services, Intercloud services, Federation services Identity services Cloud bursting services, Cloud services for emerging applications; Applications utilizing such services; Cloud Software and Tools for IaaS, PaaS, Hadoop, and others.

This workshop builds upon the success of the prior Open Cirrus events and the prior Open Cloud Consortium and FutureGrid events but was expanded to include other organizations. The goal is to help building a community for those responsible for operating clouds and cloud testbeds, as well as those interested in designing new cloud services.

The workshop could have not been conducted without the committee that provided the peer review for all the papers. We like to thank them for their help and list them here in alphabetical order: Brandic, Ivona; Desai, Narayan; Desprez, Frédéric; Diaz, Javier; Fitzgerald, Steve; Fox, Geoffrey; Gavrilovska, Ada; Grossman, Robert; Keahey, Kate; Kozuch, Michael; Llorente, Ignacio M.; Lucas-Simarro, Jose Luis; McGeer, Rick; Milojicic, Dejan; Ramakrishnan, Lavanya; Riedel, Morris; Toews, Everett; von Laszewski, Gregor. The conference and submission site was managed by Gregor von Laszewski.

Enjoy the conference!

Gregor von Laszewski,  
Robert Grossman,  
Dejan Milojicic,  
Michael Kozuch,  
Rick McGeer