Message from the STITC 2013 Workshop Chairs

It is our great pleasure to welcome you to San Francisco for the Fifth International Workshop on Software Testing in the Cloud (STITC 2013). Software testing in the cloud relies on underlying technologies such as distributed execution environments, cloud computing infrastructure, service-oriented architecture (SOA), and hardware virtualization to aid the concurrent execution of test cases. STITC introduces challenges and opportunities for software testing research and practice.

The first three editions of the STITC series of events (2009-2011) focused on migration and execution of test cases. In 2012 we began examining the emerging theme of “Testing as a Service” (TaaS) and STITC 2013 continues this focus. TaaS provides a services model on top of a cloud infrastructure to facilitate software testing. The STITC 2013 workshop explores various facets of TaaS, from both academic research and practical real-world perspectives.

This year, STITC is co-located with the 7th International Symposium on Service Oriented System Engineering (SOSE 2013), which takes place March 25 – 28 at the Hotel Sofitel. The quality of the papers that the workshop has attracted, and its growing impact on the community, is due in part to sponsorship from the Institute of Electrical and Electronics Engineers (IEEE) Computer Society – support that we gratefully recognize.

The technical program of STITC 2013 includes papers touching on topics such as migrating testing to the cloud, testing of the cloud, cloud-based testing, testing services, SaaS, PaaS, and IaaS models of offering TaaS, and business models for service-enabled testing strategies.

We would like to thank everyone who helped make it possible to organize this year’s workshop. We are grateful to the members of the Program Committee who worked hard and delivered their reviews in a timely manner. We would also thank the organizers of the host conference of SOSE 2013, in particular the General Chairs, Jerry Gao and Guido Wirtz, the Workshop Chair, Andreas Schonberger, and the Proceedings Chair, Ying Zhang, for the help they provided.

We hope you will enjoy the STITC 2013 workshop in the lovely setting of Northern California.

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