

LTB 2017 Chairs' Welcome

It is our great pleasure to welcome you to the the *Sixth International Workshop on Load Testing and Benchmarking of Software Systems (LTB 2017)*, held in L'Aquila, Italy, on April 23th, 2017.

Software systems (e.g., smartphone apps, desktop applications, e-commerce systems, IoT infrastructures, big data systems, and enterprise systems) have strict requirements on software performance. Failure to meet these requirements will cause customer dissatisfaction and negative news coverage. In addition to conventional functional testing, the performance of these systems must be verified through load testing or benchmarking to ensure quality service. Load testing examines the behavior of a system by simulating hundreds or thousands of users performing tasks at the same time. Benchmarking evaluates a system's performance and enables the optimization of the system configurations or the comparison against other similar systems in the domain.

Load testing and benchmarking software systems are difficult tasks, which require a great understanding of the system under test and customer behavior. Practitioners face many challenges such as tooling (choosing and implementing the testing tools), environments (software and hardware setup) and time (limited time to design, test, and analyze).

LTB 2017 is a one-day workshop. The workshop participants consist of a mixture of academic and industrial researchers. A big emphasis of this workshop is to make the workshop interactive with many discussion slots assigned throughout the schedule. The workshop includes presentations from technical papers and industrial talks. In addition, the workshop also has several invited talks from academic and industrial researchers. Finally, there is a discussion panel, which brings together industrial practitioners and academic researchers to discuss the opportunities and challenges associated with large-scale testing.

We hope you enjoy the technical and social program. If you are not able to attend our workshop, we hope you will find the papers and talks in this workshop stimulating. This workshop would not happen without the efforts of the program committee members who helped with timely and constructive reviews. In addition, we want to extend our gratitude to each author and presenter who submitted his or her work to the LTB 2017 workshop.

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