

12th International Workshop on Load Testing and Benchmarking of Software Systems: LTB'24 Chairs' Welcome

Marios Fokaefs
fokaefs@yorku.ca
York University
Toronto, Canada

Filipe Oliveira
filipe@redis.com
Redis
Lisbon, Portugal

Naser Ezzati-Jivan
nezzati@brocku.ca
Brock University
St.Catharines, Canada



LTB 2024

Load Testing & Benchmarking

ABSTRACT

It is our great pleasure to welcome you to the twelfth edition of the International Workshop on Load Testing and Benchmarking of Software Systems – LTB 2024, (<https://ltb2024.github.io/>). This one-day workshop brings together software testing and software performance researchers, practitioners, and tool developers to discuss the challenges and opportunities of conducting research on load testing and benchmarking software systems, including theory, applications, and experiences. LTB 2024 includes 2 keynote talks, 4 research papers, and 2 industry presentations. The topics cover performance of serverless computing, performance and load testing, performance-driven culture, workload generation, workload tracing, benchmarking, and performance verification.

We warmly welcome attendees to attend our keynote, industry, and research talks:

- [Keynote] *Improving Software Quality Using AIOps*. Wahab Hamou-Lhadj (Professor of the Department of Electrical and Computer Engineering at Concordia University).
- [Keynote] *Scaling Performance Testing to Millions of Distinct Results*. David Daly (Staff Engineer – Developer Productivity at MongoDB).
- [Industry] *How to Sell Performance Test Results To a Diverse Crowd*. René Schwietzke (Xceptance).

- [Industry] *Performance Testing Transformation*. Alexander Podelko (Amazon).
- [Research] *Fastcrypto: Pioneering Cryptography Via Continuous Benchmarking*. Konstantinos Chalkias, Jonas Lindström, Deepak Maram, Ben Riva, Arnab Roy, Joy Wang, and Alberto Sonnino.
- [Research] *Overhead Comparison of Instrumentation Frameworks*. David Georg Reichelt, Lubomir Bulej, Reiner Jung, and André van Hoorn.
- [Research] *Exemplary Determination of Cgroups-Based QoS Isolation for a Database Workload*. Simon Volpert, Sascha Winkelhofer, Stefan Wesner, Daniel Seybold, and Jörg Domaschka.
- [Research] *Self-Service Performance Testing Platform for Autonomous Development Teams*. Oleksandr Kachur and Aleksei Vasilevskii.

Putting together LTB'24 was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback to authors. Finally, we thank ICPE for hosting our workshop.

We hope that you will find this program interesting and thought-provoking and that the workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

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