

LTB'23 Workshop Chairs' Welcome

It is our great pleasure to welcome you to the eleventh edition of the *International Workshop on Load Testing and Benchmarking of Software Systems – LTB 2023*, <https://ltb2023.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 2023 included 2 keynote talks, 2 research papers, and 4 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] *Serverless Computing Revisited: Evolution, State-of-the-Art, and Performance Challenges*. Samuel Kounev (Professor and Chair of Software Engineering at the University of Würzburg).
- [Keynote] *Understanding and Improving Software Performance at MongoDB*. David Daly (Staff Engineer at MongoDB).
- [Industry] *Simple Ways to Jumpstart a Performance Culture*. Filipe Oliveira (Redis).
- [Industry] *Anatomy and classification of load testing tools*. Andrei Pokhilko (Komodor).
- [Industry] *Modeling expands benchmarking results to optimize performance and financial decisions in the hybrid multi-cloud world*. Boris Zibitsker and Alex Lupersolsky (BEZNext).
- [Industry] *Distributed WorkLoad Generator for Performance/Load Testing Using Opensource Technologies*. Vishnu Murty K (Dell).
- [Research] *Verifying Transient Behavior Specifications in Chaos Engineering Using Metric Temporal Logic and Property Specification Patterns*. Sebastian Frank, Alireza Hakamian, Denis Zahariev and André van Hoorn.
- [Research] *Using eBPF for Database Workload Tracing: An Explorative Study*. Jörg Domaschka, Simon Volpert, Kevin Maier, Georg Eisenhart and Daniel Seybold.

Putting together LTB'23 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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LTB 2023
Load Testing &
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