



# Philipp Leitner

*Curriculum Vitæ (June 17, 2020)*

## SUMMARY

---

I am an associate professor (docent) at Chalmers University of Technology in the Software Engineering division. Before, I was a senior research associate at University of Zurich (Switzerland). I hold a PhD in Business Informatics from TU Vienna (2011). I teach and conduct research on software development for service- and cloud-based systems. Most of my recent work is on software performance engineering in cloud projects, with a special focus on co-optimizing end user performance and cloud deployment costs. I currently supervise 5 PhD students. I have (co-)authored more than 100 publications, leading to an h-index of 32.

## RECENT RESEARCH PROJECT EXPERIENCE

---

<b>Immersed</b> (2019 - 2023)	<i>Funding:</i> VR	<i>Role:</i> Applicant and PI
<b>TRAF-Cloud</b> (2019 - 2022)	<i>Funding:</i> Vinnova FFI	<i>Role:</i> Co-Applicant
<b>MINCA</b> (2016 - 2019)	<i>Funding:</i> SNF (Swiss)	<i>Role:</i> Applicant and PI
<b>DevCloud</b> (2016)	<i>Funding:</i> Hasler Foundation (Swiss)	<i>Role:</i> Co-Applicant

## SELECTED RECENT PUBLICATIONS [\[full list on Google Scholar\]](#)

---

- Laaber, Würsten, Gall, and Leitner: Dynamically Reconfiguring Software Microbenchmarks: Reducing Execution Time Without Sacrificing Result Quality, in ESEC/FSE 2020
- Erlenhov, Gomes, and Leitner: An Empirical Study of Bots in Software Development - Characteristics and Challenges from a Practitioner's Perspective, in ESEC/FSE 2020
- Costa, Bezemer, Leitner, and Andrzejak: What's Wrong With My Benchmark Results? Studying Bad Practices in JMH Benchmarks, in TSE 2020
- Laaber, Scheuner, and Leitner: Software Microbenchmarking in the Cloud. How Bad is it Really?, in EMSE 2019
- Cito, Leitner, Rinard, and Gall: Interactive Production Performance Feedback in the IDE, in ICSE 2019
- Cito, Oliveira, Leitner, Nagpurkar, and Gall: Context-Based Analytics – Establishing Explicit Links between Runtime Traces and Source Code, In ICSE 2017 (SEIP Track)
- Schermann, Schöni, Leitner, and Gall: Bifrost – Supporting Continuous Deployment with Automated Enactment of Multi-Phase Live Testing Strategies, in Middleware 2016
- Cito, Leitner, Fritz, and Gall: The Making of Cloud Applications – An Empirical Study on Software Development for the Cloud, in ESEC/FSE 2015