

**Education**

<b>Harvard University</b> PhD Computer Science – <i>Advisor:</i> Prof. Cengiz Pehlevan, Prof. Sham Kakade Kempner Graduate Fellow	2024 - Present
<b>ETH Zürich</b> MSc Data Science – <i>Advisor:</i> Prof. Gunnar Rätsch, Prof. Francesco Orabona	2020 - 2023
<b>University Politehnica of Bucharest (UPB)</b> BSc Computer Science – <i>Advisor:</i> Prof. Iuliu Vasilescu	2016 - 2020

**Research (\*: equal co-first, †: equal co-last)****Publications and preprints****Seesaw: Accelerating Training by Balancing Learning Rate and Batch Size Scheduling**[Under Submission at ICLR2026](#)

A. Meterez\*, D. Morwani\*, J. Wu, C. Oncescu, C. Pehlevan, S. Kakade

**A Simplified Analysis of SGD for Linear Regression with Weight Averaging**[OPT25 Workshop \(NeurIPS 2025\)](#)

A. Meterez\*, D. Morwani\*, C. Oncescu, J. Wu, C. Pehlevan, S. Kakade

**Echo Chamber: RL Post-training Amplifies Behaviors Learned in Pretraining**[COLM 2025](#)

R. Zhao\*, A. Meterez\*, S. Kakade, C. Pehlevan, S. Jelassi†, E. Malach†

**The Optimization Landscape of SGD Across the Feature Learning Strength**[ICLR 2025](#)

A. Atanasov\*, A. Meterez\*, J. Simon\*, C. Pehlevan

**Why do Learning Rates Transfer? Reconciling Optimization and Scaling Limits for Deep Learning**[NeurIPS 2024](#)

L. Noci\*, A. Meterez\*, T. Hofmann, A. Orvieto

**Towards Training Without Depth Limits: Batch Normalization Without Gradient Explosion**[ICLR 2024](#)

A. Meterez\*, A. Joudaki\*, F. Orabona, A. Immer, G. Rätsch, H. Daneshmand

**Aligning Distant Sequences to Graphs using Long Seed Sketches**[RECOMB 2023, Genome Research](#)

A. Joudaki\*, A. Meterez\*, H. Mustafa, R. Groot Koerkamp, A. Kahles, G. Rätsch

**Towards Workflows for the Use of AI Foundation Models in Visual Inspection Applications**[EUROSTRUCT 2023](#)

M. Rigotti, D. Antognini, R. Assaf, K. Bakirci, T. Frick, I. Giurgiu, K. Janoušková, F. Janicki, H. Jubran, C. Malossi,

A. Meterez, F. Scheidegger

**Experience**

<b>Max Planck Institute for Intelligent Systems</b> Research Intern	Tübingen, Germany Nov. 2023 - Feb. 2025
<b>IBM Research</b> Research Intern	Zürich, Switzerland Sept. 2022 - Feb. 2023
<b>Adobe</b> Software Engineering Intern	Bucharest, Romania Jul. 2019 - Oct. 2019
<b>CAMPUS Research Institute, UPB</b> Student Researcher	Bucharest, Romania Jul. 2018 - Jul. 2020
<b>Sparktech Software</b> Software Engineering Intern	Bucharest, Romania Jul. 2018 - Oct. 2018

**Awards**

<b>Kempner Fellowship</b>	2024
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Full support for my doctoral studies.

**Grade I Scholarship**

2017

*Granted by UPB to students with the best grades in the year ( $\text{GPA} \geq 9.5$ ).*

**Performance Scholarship**

2018

*Granted by UPB to students with the best grades in the year ( $\text{GPA} \geq 9.7$ ).*