

Luca Biggio

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EMPLOYMENT

2024 - Assistant Professor at **Bocconi University**
2023 - 2024 AI4Science Fellowship at **EPFL**

EDUCATION

2019 - 2023 PhD in Machine Learning and AI at **ETH Zürich & CSEM**
2018 - 2019 MPhil in Machine Learning and Machine Intelligence at **University of Cambridge**
(Grade: 72% A-)
2016 - 2018 Msc in Theoretical Physics at **Università degli Studi di Genova**
(Grade: 110/110 cum laude)
2013 - 2016 BSc in Physics at **Università degli Studi di Genova**
(Grade: 110/110 cum laude)

TEACHING EXPERIENCE

Teaching assistant: Computational Intelligence Lab ETHZ (2021,2022,2023), Deep Learning ETHZ (2021,2022,2023), Machine Learning for Physicists EPFL (2024)
Student supervisions: I supervised 10+ projects including BSc and MSc theses.

SERVICE

- Conference reviewer (main track):
 - NeurIPS (2022,2023,2024)
 - ICML (2022,2023,2024)
 - ICLR (2023,2024,2025)
- Conference reviewer (workshops):
 - Interpretable Inductive Biases and Physically Structured Learning (NeurIPS 2021)
 - Machine Learning and the Physical Sciences (NeurIPS 2022/2023/2024)
 - Synergy of Scientific and Machine Learning Modeling (ICML 2023)
 - Bridging the Gap Between Practice and Theory in Deep Learning (ICLR 2024)
 - Workshop on Mechanistic Interpretability (ICML 2024)

SKILLS

Programming Languages: Python (Proficient), Matlab (Basic), C (Basic)
Deep Learning frameworks: Pytorch, JAX, Tensorflow, Pytorch-Lightning, Flax.

PRIZES AND AWARDS

- **Department of Engineering Award:** A 7500£ bursary received from the Department of Engineering of the University of Cambridge as a contribution for the costs of the course.
- **AI4Science fellowship:** 1+ year funding for independent research on accelerating the use and furthering the understanding of machine learning methods in the scientific discovery process.