

Hector Kohler

Research Experience

2026-2027	Postdoc researcher on reinforcement learning and graphs, LIX , École Polytechnique
2022-2025	Ph.D. researcher on interpretable reinforcement learning, Inria Scool , Université de Lille
2025	Visiting researcher, RLAI Lab , University of Alberta
2021	Research assistant working on unmanned underwater drone control, Lab-STICC , ENSTA

Education

2022-2025	Ph.D. , Interpretable and Reproducible Reinforcement Learning (RL), Université de Lille
2020-22	M.Sc. , Artificial Intelligence <i>Excellence Track</i> , Sorbonne Université
2016-20	B.Sc. , Computer Science & Mathematics, University of Manchester

Awards & Honors

2025	Université de Lille International Mobility Grant (1650 €)
2022	AI_PhD Lille (Competitive admission to fully funded Ph.D. program)
2022	Sorbonne Université Computer Science Excellence diploma

Teaching

2024	Assistant Instructor, Reinforcement Learning (6 hours, Ecole Normale Supérieure de Cachan)
2024	Assistant Instructor, Sequential Decision Making (6 hours, Centrale Lille)
2023-2024	Assistant Instructor, Algorithms and Programming (60 hours, Université de Lille)
2022	Assistant Instructor, Reinforcement Learning (24 hours, Université de Lille)

Academic Advising

2023	Veronika Shilova, Ecole Polytechnique, Entropy-regularized RL
2023	Quentin Dinel, Université de Lille, Image Segmentation
2023	Mathieu Medeng Essia, Centrale Lille, Imitation Learning
2023	Antonio Al-Makdissi, Centrale Lille, Object-centric Atari Learning
2023	Gabriele Maggioni, Centrale Lille, Model-Based Reinforcement Learning

Academic Service

2025	Reviewer for ICLR, RLC, AISTATS, ICML
2023-2025	Elected representative of Ph.D. students and Postdocs at the CRISAL laboratory (Université de Lille).
2025	PhD representative for the HCERES evaluation of CRISAL.
2024	Reviewer for NeurIPS
2024	Organized the InterPol workshop at the first Reinforcement Learning Conference in Amherst (USA).