Wednesday 04/12

Morning

9:30 AM Applications of ML

Archaeoscape: Bringing Aerial Laser Scanning Archaeology to the Deep Learning Era	Yohann Perron
Towards training digitally-tied analog blocks via hybrid gradient computation	Maxence Ernoult
FairJob: A Real-World Dataset for Fairness in Online Systems	Mariia Vladimirova
Binding in hippocampal-entorhinal circuits enables compositionality in cognitive maps	Sonia Mazelet

11:00 AM Theory of ML

A generalized neural tangent kernel for surrogate gradient learning	Luke Eilers
Topological Generalization Bounds for Discrete-Time Stochastic Optimization Algorithms	Benjamin Dupuis
Barely Random Algorithms for Metrical Task Systems	Romain Cosson
Statistical and Geometrical properties of Kernel Kullback-Leibler divergence	Clémentine Chazal
Dimension-free deterministic equivalents for random feature regression	Leonardo Defilippis

Afternoon

2:30 PM Reinforcement Learning

Learning to Mitigate Externalities: the Coase Theorem with Hindsight Rationality	Antoine Scheid
Logarithmic Smoothing for Pessimistic Off-Policy Evaluation, Selection and Learning	Imad Aouali
Extensive-Form Game Solving via Blackwell Approachability on Treeplexes	Julien Grand-Clément
The Value of Reward Lookahead in Reinforcement Learning	Nadav Merlis
MetaCURL: Non-stationary Concave Utility Reinforcement Learning	Bianca Marin Moreno

Thursday 05/12

Morning

9:30 AM Ethical and trustworthy machine learning

Watermarking Makes Language Models Radioactive	Tom Sander
Benchmarking Uncertainty Disentanglement: Specialized Uncertainties for Specialized Tasks	Michael Kirchhof
WFCRL: A Multi-Agent Reinforcement Learning Benchmark for Wind Farm Control	Claire Bizon-Monroc
Consent in Crisis: The Rapid Decline of the AI Data Commons	Christopher Klamm

11:00 AM Optimisation, ML methods and algorithms

Functional Bilevel Optimization for Machine Learning	Ieva Petrulionyte
Mirror and Preconditioned Gradient Descent in Wasserstein Space	Clément Bonet
The Road Less Scheduled	Konstantin Mishchenko
What makes unlearning hard and what to do about it	Kairan Zhao
Learning with Fitzpatrick Losses	Seta Rakotomandimby

Afternoon

3:00 PM Deep Learning and LLMs

Any2Graph: Deep End-To-End Supervised Graph Prediction With An Optimal Transport Loss	Paul Krzakala
ANAH-v2: Scaling Analytical Hallucination Annotation of Large Language Models	Ziwei Ji
Understanding Visual Feature Reliance through the Lens of Complexity	Louis Bethune
Analysing Multi-Task Regression via Random Matrix Theory with Application to Time Series Forecasting	Vasilii Feofanov