Large Scale Machine Learning

Organizers: Gabriel V. Cardoso and Fabien Moutarde.

March 02, 2026

Goals

Provide a deep dive into *Advanced* current topics in Machine Learning.

Organization

- Lessons from 9am to 12:15am.

- Practicals from 1:45pm to 5pm.

- Practicals *must* be handed by the end of the sessions at the course Moodle.

- Presence in all sessions is mandatory and verified.

Schedule

Monday	Tuesday	Wenndesday	Thursday	Friday
Katia Antonenko	Gabriel V Cardoso	Fabien Moutarde	Pierre Clavier	Claire Boyer
Mines-PSL	Mines-PSL	Mines-PSL	Cohere	Univ. Paris Saclay
Intro to Large-scale ML	Generative Models	Reinforcement Learning	LLM Post-training	Optimization and double descent

Useful Links

- Course page

- Moodle

- Git with Practicals