

Introduction to Deep Learning

10-12 April 2024

Cineca - Rome, Sala Corsi, Via dei Tizii 6, Rome

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AGENDA

The program could be subject to changes during the course.

Day 1:

09:30 - 10:00 Registration

10:00 - 13:00 Introduction to machine learning and deep learning

13:00 - 14:00 Lunch break

14:00 - 17:30 Introduction to Keras and PyTorch with exercises

Day 2:

09:30 - 11:00 Introduction to Convolution Neural Networks

11:00 - 13:00 Neural network systems

13:00 - 14:00 Lunch break

14:00 - 17:30 Large Language Models

Day 3:

09:30 - 11:00 XAI and Fairness in ML/DL

11:00 - 13:00 More on Keras and PyTorch with exercises

13:00 - 14:00 Lunch break

14:00 - 17:30 Distribution strategies