

DeepLearn 2025

12th INTERNATIONAL SCHOOL ON DEEP LEARNING

(with special focus on Large Language Models, Foundation Models and Generative AI)

Porto - Maia, Portugal · July 21-25, 2025

Keynotes (to be completed)

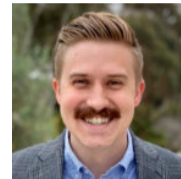


Manuela Veloso
JPMorganChase
AI, Humans, and Robots for Task Solving

Courses (to be completed)



Sean Benson
Amsterdam University Medical Center
[intermediate] Digital Twins and Generative AI for Personalised Medicine



Mark Derdzinski
Dexcom
[introductory] From Prototype to Production: Evaluation Strategies for Agentic Applications



Elena Giusarma
Michigan Technological University
[introductory/intermediate] Machine Learning at the Frontier of Astrophysics: Simulating the Universe



Hayit Greenspan
Tel Aviv University
TBA



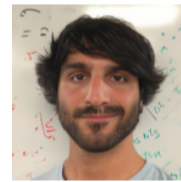
Jayashree Kalpathy-Cramer
University of Colorado
[introductory/intermediate] Multimodal AI for Healthcare



Yingbin Liang
Ohio State University
[intermediate/advanced] Theory on Training Dynamics of Transformers



Chen Change Loy
Nanyang Technological University
[intermediate/advanced] Harnessing Prior for Content Enhancement and Creation



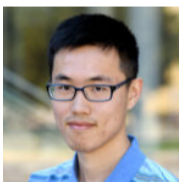
Evan Shelhamer
DeepMind
tba



Atlas Wang
University of Texas Austin
[intermediate] Low Rank Strikes Back in the Era of Large Language Models



Xiang Wang
University of Science and Technology of China
[advanced] Large Language Models for User Behavior Modeling: Cross-Modal Interpretation, Preference Optimization, and ...



Rex Ying
Yale University
[intermediate/advanced] Multimodal Foundation Models for Graph-Structured Data: Framework and Scientific Applications

More info: <https://deeplearn.irdta.eu/2025>



Universidade da Maia



Universidade do Porto



Intelligent Systems
Associate Laboratory



Artificial Intelligence and
Computer Science
Laboratory (LIACC)



Universitat Rovira i Virgili



Institute for Research
Development, Training and
Advice