

DeepLearn 2024

11th INTERNATIONAL SCHOOL ON DEEP LEARNING (and the Future of Artificial Intelligence)

Porto - Maia, Portugal · July 15-19, 2024

Keynotes



Jiawei Han

University of Illinois Urbana Champaign

How Can Large Language Models Contribute to Effective Text Mining?



Katia Sycara

Carnegie Mellon University

Effective Multi Agent Teaming

Courses (to be completed)



Luca Benini

Swiss Federal Institute of Technology Zurich

[intermediate/advanced] Open Hardware Platforms for Edge Machine Learning



Gustau Camps-Valls

University of València

[intermediate] AI for Earth, Climate, and Sustainability



Nitesh Chawla

University of Notre Dame

[introductory/intermediate] Introduction to Representation Learning on Graphs



Daniel Cremers

Technical University of Munich

[introductory/advanced] Deep Networks for 3D Computer Vision



Peng Cui

Tsinghua University

[intermediate/advanced] Stable Learning for Out-of-Distribution Generalization: Invariance, Causality and Heterogeneity...



Sergei V. Gleyzer

University of Alabama

[introductory/intermediate] Machine Learning Fundamentals and Their Applications to Very Large Scientific Data: Rare S...



Yulan He

King's College London

[intermediate/advanced] Machine Reading Comprehension with Large Language Models



Frank Hutter

University of Freiburg

[intermediate/advanced] AutoML



George Karypis

University of Minnesota

[intermediate] Deep Learning Models and Systems for Real-World Graph Machine Learning



Anais Möller

Swinburne University of Technology

[introductory/intermediate] Classification in Time-Domain Astronomy, the Challenges of Interpretability and Irregular ...



Hermann Ney

RWTH Aachen University / AppTek

[intermediate/advanced] Machine Learning and Deep Learning for Speech & Language Technology: A Probabilistic Persp...



Massimiliano Pontil

Italian Institute of Technology

[intermediate/advanced] Operator Learning for Dynamical Systems



Elisa Ricci

University of Trento

[intermediate] Continual and Adaptive Learning in Computer Vision



Xinghua Mindy Shi

Temple University

[intermediate] Trustworthy Artificial Intelligence for Health and Medicine



Laurens van der Maaten

Meta AI

[introductory/intermediate] Introduction to Computer Vision



Danxia Xu

National Research Council of Canada

[introductory] Photonic Chips and Artificial Intelligence: An Interplay



James Zou

Stanford University

[introductory/intermediate] Large Language Models and Biomedical Applications

More info: <https://deeplearn.irdta.eu/2024>



Universidade da Maia



Universidade do Porto



Universitat Rovira i Virgili



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