

DeepLearn 2024

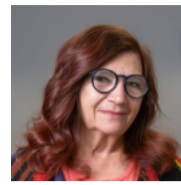
11th INTERNATIONAL SCHOOL ON DEEP LEARNING (and the Future of Artificial Intelligence)

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



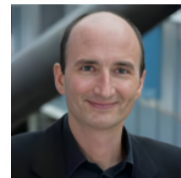
Luca Benini
Swiss Federal Institute of Technology Zurich
[intermediate/advanced] Open Hardware Platforms for Edge Machine Learning



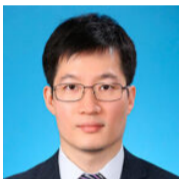
Gustau Camps-Valls
University of València
[intermediate] AI for Earth, Climate, and Sustainability



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...



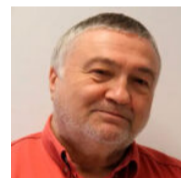
Yulan He
King's College London
[introductory/intermediate] Machine Reading Comprehension with Large Language Models



Frank Hutter
University of Freiburg
[intermediate/advanced] AutoML



George Karypis
University of Minnesota
[intermediate/advanced] Optimizing LLM Inference



Hermann Ney
RWTH Aachen University / AppTek
[intermediate/advanced] Machine Learning and Deep Learning for Speech & Language Technology: A Probabilistic Perspective...



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



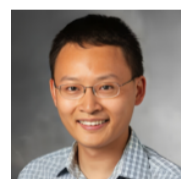
Wojciech Samek
Fraunhofer Heinrich Hertz Institute / Technical University of Berlin
[introductory/intermediate] From Feature Attributions to Next-Generation Explainable AI



Xinghua Mindy Shi
Temple University
[introductory/intermediate] Trustworthy Machine Learning for Human Health and Medicine



Michalis Vazirgiannis
École Polytechnique
[intermediate/advanced] Graph Machine Learning and Multimodal Graph Generative AI



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



Intelligent Systems Associate Laboratory



Universitat Rovira i Virgili



Institute for Research Development, Training and Advice