

DeepLearn 2023 Summer

10th INTERNATIONAL GRAN CANARIA SCHOOL ON DEEP LEARNING

Las Palmas de Gran Canaria, Spain · July 17-21, 2023

Keynotes



Alex Voznyy
University of Toronto
Comparison of Graph Neural Network Architectures for Predicting the Electronic Structure of Molecules and Solids



Aidong Zhang
University of Virginia
Concept-Based Explainable Deep Learning Models

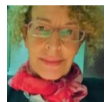
Courses



Eneko Agirre
University of the Basque Country
[introductory/intermediate] Natural Language Processing in the Large Language Model Era



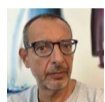
Pierre Baldi
University of California Irvine
[intermediate/advanced] Deep Learning in Science



Natália Cordeiro
University of Porto
[introductory/intermediate] Multi-Tasking Machine Learning in Drug and Materials Design



Daniel Cremers
Technical University of Munich
[introductory/intermediate] Deep Networks for 3D Computer Vision



Stefano Giagu
Sapienza University of Rome
[introductory/intermediate] Quantum Machine Learning on Parameterized Quantum Circuits



Georgios Giannakis
University of Minnesota
[intermediate/advanced] Learning from Unreliable Labels via Crowdsourcing



Marcus Liwicki
Luleå University of Technology
[intermediate/advanced] Methods for Learning with Few Data



Chen Change Loy
Nanyang Technological University
[introductory/intermediate] Image and Video Restoration



Deepak Pathak
Carnegie Mellon University
[intermediate/advanced] Continually Improving Agents for Generalization in the Wild



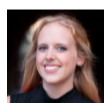
Björn Schuller
Imperial College London
[introductory/intermediate] Deep Multimedia Processing



Amos Storkey
University of Edinburgh
[intermediate] Meta-Learning and Contrastive Learning for Robust Representations



Ponnuthurai N. Suganthan
Qatar University
[introductory/intermediate] Randomization-Based Deep and Shallow Learning Algorithms and Architectures



Savannah Thais
Columbia University
[intermediate] Applications of Graph Neural Networks: Physical and Societal Systems



Lihi Zelnik-Manor
Technion - Israel Institute of Technology
[introductory] Introduction to Computer Vision and the Ethical Questions It Raises

More info: <https://deeplearn.irdta.eu/2023su>



University of Las Palmas de Gran Canaria



Rovira i Virgili University



Institute for Research Development, Training and Advice
- IRDTA



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