DeepLearn 2022 Autumn
7th INTERNATIONAL SCHOOL ON DEEP LEARNING
Luleå, Sweden · October 17-21, 2022

Keynotes

Tommaso Dorigo
Italian National Institute for Nuclear Physics
Deep-Learning-Optimized Design of Experiments: Challenges and Opportunities

Elaine O. Nsoesie
Boston University
AI and Health Equity

Courses

Sean Benson
Netherlands Cancer Institute
[intermediate] Deep Learning for a Better Understanding of Cancer

Thomas Breuel
Nvidia
[intermediate/advanced] Large Scale Deep Learning and Self-Supervision in Vision and NLP

Hao Chen
Hong Kong University of Science and Technology
[introductory/intermediate] Label-Efficient Deep Learning for Medical Image Analysis [*virtual*]

Jianlin Cheng
University of Missouri
[introductory/intermediate] Deep Learning for Bioinformatics

Nadya Chernyavskaya
European Organization for Nuclear Research
[intermediate] Graph Networks for Scientific Applications with Examples from Particle Physics

Efstratios Gavves
University of Amsterdam
[advanced] Advanced Deep Learning [*virtual*]

Quanquan Gu
University of California Los Angeles
[intermediate/advanced] Benign Overfitting in Machine Learning: From Linear Models to Neural Networks

Jiawei Han
University of Illinois Urbana-Champaign
[advanced] Text Mining and Deep Learning: Exploring the Power of Pretrained Language Models

Awni Hannun
Zoom
[intermediate] An Introduction to Speech Recognition and Weighted Finite-State Automata [*virtual*]
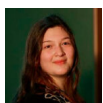
Tin Kam Ho
IBM Thomas J. Watson Research Center
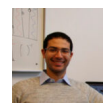[introductory/intermediate] Deep Learning Applications in Natural Language Understanding

Timothy Hospedales
University of Edinburgh
[intermediate/advanced] Deep Meta-Learning

Shih-Chieh Hsu
University of Washington
[intermediate/advanced] Real-Time Artificial Intelligence for Science and Engineering

Tatiana Likhomanenko
Apple
[intermediate/advanced] Self-, Weakly-, Semi-Supervised Learning in Speech Recognition [*virtual*]

Othmane Rifki
Spectrum Labs
[introductory/advanced] Speech and Language Processing in Modern Applications

Mayank Vatsa
Indian Institute of Technology Jodhpur
[introductory/intermediate] Small Sample Size Deep Learning [*virtual*]

Yao Wang
New York University
[introductory/intermediate] Deep Learning for Computer Vision

Zichen Wang
Amazon Web Services
[introductory/intermediate] Graph Machine Learning for Healthcare and Life Sciences

Alper Yilmaz
Ohio State University
[introductory/intermediate] Deep Learning and Deep Reinforcement Learning for Geospatial Localization

More info: https://deeplearn.irdta.eu/2022au

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