





















4th International Summer School on Deep Learning

DeepLearn 2020
León, Guanajuato, Mexico - July 27-31, 2020

-  Rick S. Blum (Lehigh University) [introductory/intermediate] **Deep Learning and Cybersecurity**
-  Ben Brown (Lawrence Berkeley National Laboratory) [introductory/advanced] **Explainable AI (XAI) Techniques for Science and Engineering – Toward Statistical Inference for the 21st Century**
-  Georgios Giannakis (University of Minnesota) [advanced] **Ensembles for Interactive and Deep Learning Machines with Scalability, Expressivity, and Adaptivity**
-  Çağlar Gülçehre (DeepMind) [intermediate/advanced] **Deep Reinforcement Learning**
-  Vincent Lepetit (ENPC ParisTech) [intermediate] **Deep Learning and 3D Geometry**
-  Geert Leus (Delft University of Technology) [introductory/intermediate] **Graph Signal Processing: Introduction and Connections to Distributed Optimization and Deep Learning**
-  Andy Liaw (Merck Research Labs) [introductory] **Deep Learning and Statistics: Better Together**
-  Abdelrahman Mohamed (Facebook AI Research) [introductory/advanced] **Recent Advances in Automatic Speech Recognition**
-  Jan Peters (Technical University of Darmstadt) [intermediate] **Robot Learning**
-  Massimiliano Pontil (Italian Institute of Technology) [intermediate/advanced] **Statistical Learning Theory**
-  Jose Principe (University of Florida) [intermediate/advanced] **Cognitive Architectures for Object Recognition in Video**
-  Fedor Ratnikov (National Research University Higher School of Economics) [introductory] **Specifics of Applying Machine Learning to Problems in Natural Science**
-  Salim Roukos (IBM Research AI) [intermediate/advanced] **Deep Learning Methods for Natural Language Processing**
-  Björn Schuller (Imperial College London) [introductory/intermediate] **Deep Signal Processing**
-  Alex Smola (Amazon) [introductory/advanced] **Dive into Deep Learning**
-  Sargur N. Srihari (University at Buffalo) [introductory] **Generative Models in Deep Learning**
-  Kunal Talwar (Google Brain) [intermediate] **Differentially Private Machine Learning**
-  René Vidal (Johns Hopkins University) [intermediate/advanced] **Mathematics of Deep Learning**
-  Haixun Wang (WeWork) [introductory/intermediate] **Conceptual Understanding and Machine Learning**
-  Ming-Hsuan Yang (University of California, Merced) [intermediate/advanced] **Learning to Track Objects**



<https://irdta.eu/deeplearn2020/>



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