

3rd International Summer School on Deep Learning



DeepLearn 2019

Warsaw, Poland - July 22-26, 2019

More info: <http://deeplearn2019.irdta.eu/>

Keynotes (to be completed)

Courses (to be completed)

- Pierre Baldi (University of California, Irvine) [intermediate/advanced] **Deep Learning: Theory, Algorithms, and Applications to the Natural Sciences**
- Christopher Bishop (Microsoft Research Cambridge) [introductory] **Introduction to the Key Concepts and Techniques of Machine Learning**
- Aaron Courville (University of Montréal) [introductory/intermediate] **Deep Generative Models**
- Sergei V. Gleyzer (University of Florida) [introductory/intermediate] **Feature Extraction, End-end Deep Learning and Applications to Very Large Scientific Data: Rare Signal Extraction, Uncertainty Estimation and Realtime Machine Learning Applications in Software and Hardware**
- Tomas Mikolov (Facebook) [introductory] **Using Neural Networks for Modeling and Representing Natural Languages (with Armand Joulin)**
- Hermann Ney (RWTH Aachen University) [intermediate/advanced] **Speech Recognition and Machine Translation: From Statistical Decision Theory to Machine Learning and Deep Neural Networks**
- Navraj Pannu (GoDaddy) [introductory/intermediate] **Deep Learning and Maximum Likelihood in Structural Biology**
- Jose C. Principe (University of Florida) [intermediate/advanced] **Cognitive Architectures for Object Recognition in Video**
- Björn Schuller (Imperial College London) [introductory/intermediate] **Deep Learning for Intelligent Signal Processing**
- Alex Smola (Amazon) [] tba
- Ponnuthurai N Suganthan (Nanyang Technological University) [introductory/intermediate] **Learning Algorithms for Classification, Forecasting and Visual Tracking**
- Johan Suykens (KU Leuven) [introductory/intermediate] **Deep Learning, Neural Networks and Kernel Machines**
- Alexey Svyatkovskiy (Princeton University) [introductory/intermediate] **From Natural Language Processing to Machine Learning on Source Code**

Acknowledgments



Institute of Computer Science,
Polish Academy of Sciences



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