5th International Winter School on Big Data

BigDat 2019

Cambridge , United Kingdom - January 7-11, 2019
More info: http://bigdat2019.irdta.eu/

Keynotes (to be announced)

Kenji Takeda (Director, Health and AI Partnerships, Microsoft Research) **Big Data and AI - What's It Really Good for ?**

Courses :

- Thomas Bäck (Leiden University) [introductory/intermediate] **Data Driven Modeling and Optimization for Industrial Applications**
- Richard Bonneau (New York University) [introductory] **Large Scale Machine Learning Methods for Integrating Protein Sequence and Structure to Predict Gene Function**
- Altan Cakir (Istanbul Technical University) [introductory/intermediate] **Processing Big Data with Apache Spark: From Science to Industrial Applications**
- Jiannong Cao (Hong Kong Polytechnic University) [introductory/intermediate] **Cross-domain Big Data Fusion and Analytics**
- Nitesh Chawla (University of Notre Dame) [intermediate/advanced] **Network Science: Representation Learning and Higher Order Networks**
- Nello Cristianini (University of Bristol) [introductory] **The Interface between Big Data and Society**
- Geoffrey C. Fox (Indiana University, Bloomington) [intermediate] **High Performance Big Data Computing**
- David Gerbing (Portland State University) [introductory] **Data Visualization with R**
- Craig Knoblock (University of Southern California) [intermediate/advanced] **Building Knowledge Graphs**
- Geoff McLachlan (University of Queensland) [intermediate/advanced] **Applying Finite Mixture Models to Big Data**
- Folker Meyer (Argonne National Laboratory) [intermediate] **Skyport2: A Multi Cloud Framework for Executing Scientific Workflows**
- Wladek Minor (University of Virginia) [introductory/advanced] **Big Data in Biomedical Sciences**
- Soumya Mohanty (University of Texas Rio Grande Valley) [introductory/intermediate] **Swarm Intelligence Methods for Statistical Regression**
- Sankar K. Pal (Indian Statistical Institute) [introductory/advanced] **Machine Intelligence and Soft Granular Mining: Features, Applications and Challenges**
- Lior Rokach (Ben-Gurion University of the Negev) [introductory/advanced] **Ensemble Learning**
- Michael Rosenblum (University of Potsdam) [introductory/intermediate] **Synchronization Approach to Time Series Analysis**
- Hanan Samet (University of Maryland) [introductory/intermediate] **Sorting in Space: Multidimensional, Spatial, and Metric Data Structures for Applications in Spatial and Spatio-textual Databases, Geographic Information Systems (GIS), and Location-based Services**
- Rory Smith (Monash University) [intermediate/advanced] **Statistical Inference: Optimal Methods for Learning from Signals in Noise**
- Jaideep Srivastava (University of Minnesota) [intermediate] **Social Computing: Computing as an Integral Tool to Understanding Human Behavior and Solving Problems of Social Relevance**
- Mayte Suárez-Fariñas (Icahn School of Medicine at Mount Sinai) [intermediate] **A Practical Guide to the Analysis of Longitudinal Data Using R**
- Jeffrey Ullman (Stanford University) [introductory] **Big-data Algorithms That Aren't Machine Learning**
- Andrey Ustyuzhanin (National Research University Higher School of Economics) [intermediate/advanced] **Surrogate Modelling for Fun and Profit**
- Wil van der Aalst (RWTH Aachen University) [introductory/intermediate] **Process Mining: Data Science in Action**
- Zhongfei Zhang (Binghamton University) [introductory/advanced] **Relational and Multimedia Data Learning**

Acknowledgments