

6th International Winter School on Big Data

Ancona, Italy - January 13-17, 2020

Courses

- Sanchita Bhattacharya (University of California, San Francisco) [introductory/advanced] Big Data in Immunology: Sharing, Dissemination, and Repurposing
- Diego Calvanese (Free University of Bozen-Bolzano) [introductory] Virtual Knowledge Graphs for Data Integration
- Sheelagh Carpendale (Simon Fraser University) [introductory] Data Visualization
- Nitesh Chawla (University of Notre Dame) [intermediate/advanced] Learning in the Presence of Class Imbalance and Changing Distributions
- Amr El Abbadi (University of California, Santa Barbara) [introductory/intermediate] An Introduction to Blockchain
- Charles Elkan (University of California, San Diego) [intermediate] A Rapid Introduction to Modern Deep Learning
- Minos Garofalakis (Technical University of Crete) [intermediate/advanced] Streaming Data Analytics
- Jiawei Han (University of Illinois, Urbana-Champaign) [intermediate/advanced] From Unstructured Text to TextCube: Automated Construction and Multidimensional Exploration
- Craig Knoblock (University of Southern California) [intermediate/advanced] Building Knowledge Graphs
- Wladek Minor (University of Virginia) [introductory/advanced] Big Data in Biomedical Sciences
- Bamshad Mobasher (DePaul University), [intermediate] Context-aware Recommender Systems
- Jayanti Prasad (Embold Technologies) [introductory/intermediate] Big Code
- Lior Rokach and Bracha Shapira (Ben-Gurion University of the Negev) [introductory/intermediate] Recommender Systems
- Peter Rousseeuw (KU Leuven) [introductory] Anomaly Detection by Robust Methods
- Asim Roy (Arizona State University) [intermediate] Hardware-based (GPU, FPGA based) Machine Learning That Exploits Massively Parallel Computing – An Overview of Concepts, Architectures and Neural Network Algorithm Implementation
- 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) [introductory/intermediate] Learning from Data, the Bayesian Way
- Jaideep Srivastava (University of Minnesota) [introductory/intermediate] Social Computing
- Mayte Suárez-Fariñas (Icahn School of Medicine at Mount Sinai) [intermediate/advanced] Meta-analysis Methods for High-dimensional Data
- Jeffrey Ullman (Stanford University) [introductory] Big-data Algorithms That Aren't Machine Learning
- Wil van der Aalst (RWTH Aachen University) [introductory/intermediate] Process Mining: A Very Different Kind of Machine Learning That Can Be Applied in Any Organization



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