

4th International Winter School on Big Data



Timisoara, Romania, January 22-26, 2018

more info: <http://grammars.grlmc.com/BigDat2018/>

Keynote Speakers (to be confirmed)

Professors and Courses

Paul Bliese (University of South Carolina), [introductory/intermediate] *Using R for Mixed-effects (Multilevel) Models*

Hendrik Blockeel (KU Leuven), [intermediate] *Decision Trees for Big Data Analytics*

Diego Calvanese (Free University of Bozen-Bolzano), [intermediate] *tbc*

Nick Duffield (Texas A&M University), [introductory/intermediate] *Sampling for Big Data*

Saso Dzeroski (Jozef Stefan Institute), [introductory/intermediate] *Multi-target Prediction: Techniques and Applications*

Geoffrey C. Fox (Indiana University, Bloomington), [intermediate] *Integration of HPC, Big Data Analytics and Software Ecosystem*

Minos Garofalakis (Technical University of Crete), [intermediate/advanced] *Data Streaming Analytics*

David Gerbing (Portland State University), [introductory] *Data Visualization with R*

Xiaohua Tony Hu (Drexel University), [introductory/advanced] *Big Data Analysis in Microbiome Study*

Maurizio Lenzerini (Sapienza University of Rome), [intermediate/advanced] *Semantic Technologies for Open Data Publishing*

Bing Liu (University of Illinois, Chicago), [intermediate/advanced] *Lifelong Learning and its Applications in NLP*

B.S. Manjunath (University of California, Santa Barbara), [introductory] *Unstructured (Big) Data*

Folker Meyer (Argonne National Laboratory), [introductory/intermediate] *Efficient Multi Cloud Execution of Reproducible Data Analytics using Common Workflow Language, AWE and SHOCK*

Wladek Minor (University of Virginia), [introductory/advanced] *Big Data in Biomedical Sciences*

Fionn Murtagh (University of Huddersfield), [introductory/advanced] *The New Science of Big Data Analytics, Based on the Geometry and the Topology of Complex, Hierarchic Systems*

Raymond Ng (University of British Columbia), [introductory] *Mining and Summarizing Text Conversations*

Srinivasan Parthasarathy (Ohio State University), [introductory/intermediate] *Network Science Fundamentals*

Hanan Samet (University of Maryland, College Park), [introductory/intermediate]

Sorting in Space: Multidimensional, Spatial, and Metric Data Structures for Applications in Spatial Databases, Geographic Information Systems (GIS), and Location-based Services

Kyuseok Shim (Seoul National University), [introductory/intermediate] *MapReduce Algorithms for Big Data Analysis*

Jaideep Srivastava (Qatar Computing Research Institute), [introductory/intermediate] *Social Computing*

Jeffrey Ullman (Stanford University), [introductory] *Big-data Algorithms That Aren't Machine Learning*

Pascal Van Hentenryck (University of Michigan, Ann Arbor), [intermediate] *Big Data in Transportation and Mobility*

Sebastián Ventura (University of Córdoba), [intermediate/advanced] *Pattern Mining on Big Data*

Haixun Wang (Facebook), [intermediate/advanced] *Understanding Natural Language: End-to-end and Structure Learning Approaches*

Xiaowei Xu (University of Arkansas, Little Rock), [introductory/advanced] *Mining Big Networked Data*

Zhongfei Zhang (Binghamton University), [introductory/advanced] *Relational and Media Data Learning and Knowledge Discovery*

Acknowledgments



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