


# 7th International School on Big Data

 BigDat 2020 Autumn

Beersheba, Israel - October 25-29, 2020



## Courses (to be completed)



Paolo Addresso (University of Salerno) [introductory/intermediate] **Data Fusion for Remotely Sensed Data**



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



Thomas Bäck & Hao Wang (Leiden University) [introductory/intermediate] **Data Driven Modeling and Optimization for Industrial Applications**



Altan Cakir (Istanbul Technical University) [intermediate] **Big Data Analytics with Apache Spark**



Edward Chang (Stanford University) [intermediate] **Artificial Intelligence for Disease Diagnosis and Precision Surgery**



Michael X. Cohen (Radboud University Nijmegen) [introductory] **Dimension Explosion and Dimension Reduction in Brain Electrical Activity**



Ian Fisk (Flatiron Institute) [introductory] **The Infrastructure to Support Data Science**



Michael Freeman (University of Washington) [intermediate] **Interactive Data Visualization Using D3 + Observable**



David Gerbing (Portland State University) [introductory] **Derive Meaning from Data with R Visualizations**



Yifan Hu (Yahoo Research) [introductory/advanced] **Data Visualization and Machine Learning**



Wagner A. Kamakura (Rice University) [intermediate] **Advanced Business Analytics using Excel Addins**



Ravi Kumar (Google) [intermediate/advanced] **Clustering for Big Data**



Victor O.K. Li (University of Hong Kong) [intermediate] **Deep Learning and Applications**



Panos Pardalos (University of Florida) [intermediate/advanced] **Optimization and Data Sciences Techniques for Large Networks**



Valeriu Predoi (University of Reading) [introductory] **A Beginner's Guide to Big Data Analysis: How to Connect Scientific Software Development with Real World Problems**



Alexandre Vaniachine (VirtualHealth) [intermediate] **Open-source Columnar Databases**



Sebastián Ventura (University of Córdoba) [intermediate/advanced] **Supervised Descriptive Pattern Mining**



Xiaowei Xu (University of Arkansas, Little Rock) [introductory/advanced] **Deep Learning for Text Mining**

Organizers:



Ben-Gurion University of the Negev



Institute for Research Development, Training and Advice  
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More info: <https://irdta.eu/bigdat2020a>

