

MAIN TRACKS

Computer Science & Information Technology
Computer Science/ Mathematics/ Statistics/ Education (CMS)
Applications of Computer and Mathematical Sciences
Modelling in Medical and Health Sciences
R and its Users
Statistics
Mathematics



KEYNOTE SPEAKERS



Dr. Matthias Templ
Zurich University of Applied Sciences,
Switzerland

Dr. Zakiah Ibrahim Kalantan
King Abdulaziz University,
Saudi Arabia

COMPLIMENTARY WORKSHOP

Workshop : Machine Learning in R

Workshop Speaker : Dr. Zakiah Ibrahim Kalantan

23 APRIL 2019, OMBAK VILLA LANGKAWI, LANGKAWI, MALAYSIA

This session is helping the researcher to apply machine learning with R. It illustrates the step by step process to get started and become good at machine learning for predictive modeling on the R platform. We will focus on predictive modeling which is sub-field of machine learning. This is useful in industry and the type of machine learning that the R platform excels at facilitating.

Outlines:

1. Install and start R
2. Load data
3. Describe the data with descriptive statistics and visualization
4. Pre-process data
5. Algorithm evaluation metrics
6. Model selection
7. Linear algorithms
8. Non-linear algorithms
9. Algorithm parameter tuning
10. Finalize model
11. Implementing R on new data and deliver a model
12. Project template in R

PRE-CONFERENCE WORKSHOP

Workshop : Visualization of your tidy data Workshop Speaker : Dr. Matthias Templ

Date: 21 - 22 APRIL 2019 Venue : Ombak Villa Langkawi, Langkawi, MALAYSIA

Organized by:



In collaboration with:



National Institute of
Statistics



Ecological
University of
Bucharest



Tanta
University



Romania R
Team