

2nd Winter School on Data Analytics (DA 2017)

November 3 – 4, 2017
Nizhny Novgorod, Russia



Russian Science Foundation (RSF), Russia



Laboratory of Algorithms and Technologies for
Network Analysis of National Research
University Higher School of Economics



Keldysh Institute of Applied Mathematics of
Russian Academy of Science

Friday, November 3

Room 402 HSE, 136 Rodionova Str.

09:30–10:00 Registration of participants

10:00–10:50 Panos Pardalos, University of Florida, USA

Lecture: Data Uncertainty and Robust Machine Learning Optimization Models

10:50–11:10 Coffee break

11:10–12:00 Ivan Oseledets, Skolkovo Tech, Moscow, Russia

Lecture: Tensor networks and deep neural networks

12:10–13:00 Mikhail Burtsev, National Research Center "Kurchatov Institute", Moscow, Russia

Lecture: iPavlov: Conversational Intelligence Project

13:00–14:30 Lunch

14:30–15:20 Marcello Pelillo, University of Venice, Italy

Lecture 1: Game-Theoretic Methods in Machine Learning

15:30–16:20 Marcello Pelillo, University of Venice, Italy

Lecture 2: Game-Theoretic Methods in Machine Learning

16:20–16:40 Coffee break

16:40–17:30 Student section

Saturday, November 4

Room 402 HSE, 136 Rodionova Str.

10:00–10:50 Mario Guarracino, ICAR-CNR, Italy

Lecture: Data Analytics using WEKA

10:50–11:10 Coffee break

11:10–12:00 Theodore Trafalis, University of Oklahoma, USA

Lecture: Robust Learning with Approximate Dynamic Programming and Kernel Methods

12:10–13:00 Oleg Prokopyev, University Pittsburg, USA

Lecture: Exact approaches for finding maximum quasi-cliques and dense clusters/subgraphs

13:00–14:30 Lunch

14:30–15:20 Sergey Fedorov, Keldysh Institute of Applied Mathematics, Moscow, Russia

Lecture: Modeling of nonstationary time series using nonparametric methods

15:30–16:20 Sergey Fedorov, Keldysh Institute of Applied Mathematics, Moscow, Russia

Lecture: Analyzing D2D Mobility in 5G Network

16:20–16:40 Coffee break

16:40–17:30 Round table: new trends in data analytics