

SFB 1053 MAKI

Scientific Workshop 2018



TECHNISCHE
UNIVERSITÄT
DARMSTADT



www.maki.tu-darmstadt.de

Machine Learning for Communication Systems

Date and Venue

23rd of March, 2018

darmstadtium

Wissenschafts- und Kongresszentrum Darmstadt GmbH & Co. KG

Room: Europium 3

Schloßgraben 1

64283 Darmstadt

Agenda

08:30 *Welcome Coffee*

08:45 **Introduction**

Prof. Dr. Bernd Freisleben (Philipps-Universität Marburg/TU Darmstadt, Germany)

09:00 **Traffic Prediction in SDNs using Kalman Filters in Learned Feature Spaces**

Prof. Dr. Gerhard Neumann (University of Lincoln, UK)

09:45 *Coffee Break*

10:00 **Boost your Communication Network with Machine Learning**

Prof. Dr. Wolfgang Kellerer (TU München, Germany)

10:45 *Coffee Break*

11:00 **Applied Machine Learning for Wireless System Optimization**

Prof. Dr. Eli De Poorter (Ghent University, Belgium)

11:45 *Lunch Break*

13:00 **Machine Learning for the Internet of Things**

Prof. Dr. Katharina Morik (TU Dortmund, Germany)

13:45 *Coffee Break*

14:00 **Machine Learning Developments around the PSQA Project**

Dr. Gerardo Rubino (Inria Rennes, France)

14:45 *Coffee Break*

15:00 **Big Data Analytics and Machine Learning for Network Monitoring**

Dr. Pedro Casas (Austrian Institute of Technology, Vienna, Austria)

15:45 *Coffee Break*

16:00 **Panel Discussion - Perspectives and Impact of Machine Learning for Communication Systems with all speakers**

16:45 **Concluding Remarks**

Register here:

https://www.kom.tu-darmstadt.de/fileadmin/Externer_Bereich/Events/maki-scientific-2018/

