



ViMaCs

Virtual Master Cooperation
Data Science

SUMMER SCHOOL 2020

Summer School Timetable

Time	Monday, 29 June	Lecturer
9:00-9:30	Kick off and some organizational questions	Stephan Recker
09:30 – 12:00	Lecture on the "Business Intelligence: Introduction. General information about Business Intelligence and Data Analysis" & "Business Analysis: Requirements Analysis and Design Definition"	Sergey Bushuyev
12:00 - 13:00	Lunch	
13:00 - 14:30	Lecture on the "Cloud Resource Management – VMWare vSphere and OpenStack"	Stephan Recker
14:30 - 16:00	Workshop on the "VMWare + OpenStack"	Natalia Myronova
Time	Tuesday, 30 June	Lecturer
09:00 - 10:30	Workshop on the "Introduction into Python"	Galyna Tabunshchik
10:30 - 12:00	Lecture on the "Decision Making: Identification and Diagnostic of a problem (problem structuring, goal setting)" & "Decision Making: Criteria formulation and decision making restrictions"	Olena Sharovara
12:00 - 13:00	Lunch	
13:00 - 14:30	Workshop on the "Introduction into Numpy and Pandas"	Galyna Tabunshchik
14:30 - 16:00	Lecture on the "Data Acquisition"	Mykhailo Dombrovskiy
Time	Wednesday, 01 July	Lecturer
09:00 - 10:30	Workshop on the "Data Analytics with Pandas and Scikit-learn"	Galyna Tabunshchik
10:30 - 12:00	Lecture on the "Business Analysis: Solution Evaluation"	Sergey Bushuyev / Denis Bushuyev
12:00 - 13:00	Lunch	
13:00 - 14:30	Lecture on the "Computational intelligence for technical and medical diagnosis"	Sergey Subbotin
14:30 - 16:00	Lecture on the "Virtual instruments, Data Acquisition System and IoT"	Oleksandr Osolinsky

Time	Thursday, 02 July	Lecturer
09:00 - 10:30	Lecture on the "Data samples for intelligent model building"	Sergey Subbotin
10:30 - 12:00	Workshop on the "Virtual instruments, Data Acquisition System and IoT"	Oleksandr Osolinsky
12:00 - 13:00	Lunch	
13:00 - 14:30	Lecture on the "Overview of the Hadoop ecosystem"	Natalia Myronova
14:30 - 16:00	Workshop on the "Hadoop, Kafka, Elasticsearch"	Natalia Myronova
Time	Friday, 03 July	Lecturer
09:00 - 10:30	Workshop on the "Hadoop, Kafka, Elasticsearch"	Natalia Myronova
10:30 - 12:00	Lecture on the "Data Acquisition"	Mykhailo Dombrovskiy
12:00 - 13:00	Lunch	
13:00 - 14:30	Workshop on the "Business Intelligence: Import, manipulating and modelling data with BI instruments"	Natalia Yehorchenkova
14:30 - 16:00	Closing of Summer School	Stephan Recker

The Summer School will be performed via **Zoom**, you can enter it via the link: <https://zoom.us/j/93891458374>
Please join the meeting at **least 5 minutes before the start** of your session. In case of any issues, drop the email to anna.badasian@fh-dortmund.de