ViMaCs
Virtual Master Cooperation
Data Science

Online Spring School on Data Science
17.05.2021 – 21.05.2021
according to Central European Summer Time (CEST)
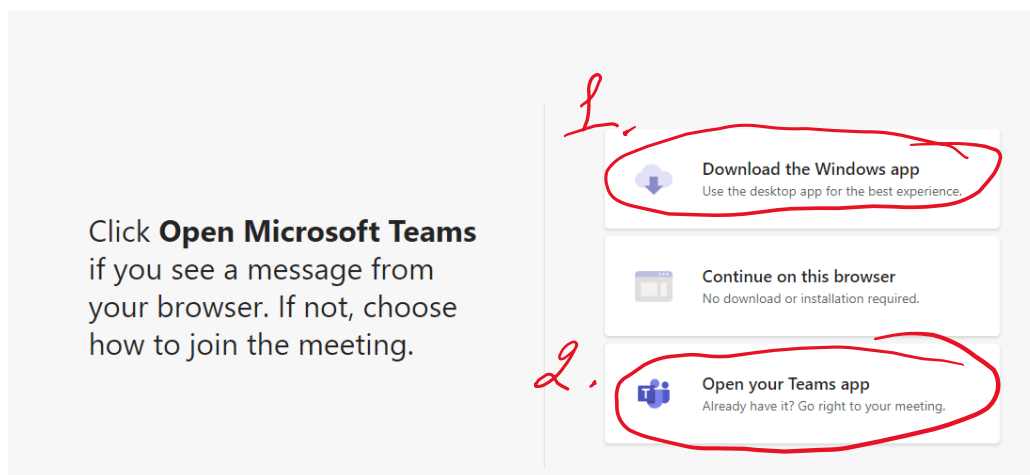
Participation & Access:
To access the **online Spring School on Data Science** you must go to this website: https://go-study-europe.de/vimacs/spring-school-2021/. You will find there all needed information and the links to join the video conferences.

The Spring School is held via the online platform **Microsoft Teams** (put your full and real name in the MS Teams video calls).
Navigate on the https://go-study-europe.de/vimacs/spring-school-2021/ and click on "**Join call**" or "**Join Teamwork**" buttons to join the video conference of MS Teams

Tip: Download the Microsoft Teams app and open your video calls via **app** and you will be able to see the chat and other functions, that are unavailable for the browser version (see below).

Lecturers and workshops will be taught in English.

Group work and case-study:
On Wednesday, 19.05.2021, you will be able to ask the company questions regarding the case study. You are welcomed to send your question upfront via email to Olena Verenych (verenych@ukr.net)

Certificates:
All participants will receive the **certificate** of participation, indicating the topics of the Spring School.
Important! We will check your participation, especially during the Teamwork. Based on that we will issue the certificates.
You must work with your team all the time and be there during the presentation of the results. You also should attend the lectures in the morning (at least 2-3 lectures).

Contacts:
If you have any problems or questions, please contact **Olena Verenych** (verenych@ukr.net) and **Jorge Maldonado** (jorge.maldonadocarranza@fh-dortmund.de).

Programme of the Spring School on Data Science

Time	Monday, 17 May	Lecturer
09:00 - 09:30	**Kick-off and some Organisational Questions** (Announcement of the Team Members)	
09:30 - 11:00	Lecture on "Process-driven Approach for Big Data Acquisition and Processing"	Pavlo Bykovyy, Mikhael Dombrowskyj
11:00 - 12:00	Case-study presentation from the **Luxoft**	
12:00 - 13:00	**Lunch**	
13:00 - 16:00	Teamwork (working on the Case-study)	
Time	Tuesday, 18 May	Lecturer
09:00 - 10:30	Lecture on "Smart Meters and Data Acquisition System Within LabView Environment"	Oleksandr Osolinskyj, Anatoliy Sachenko
10:30 - 10:40	**Coffee break**	
10:40 - 12:10	Workshop on "Introduction to Apache Spark"	Natalia Myronova
12:10 - 13:00	**Lunch**	
13:00 - 16:00	Teamwork (working on the Case-study)	
Time	Wednesday, 19 May	Lecturer
09:00 - 10:30	Workshop "Data Analysis with Python"	Galyna Tabunshchyk
10:30 - 10:40	**Coffee break**	
10:40 - 12:10	Workshop "Data Analysis with Python"	Galyna Tabunshchyk
12:10 - 13:00	**Lunch**	
13:00 - 16:00	Teamwork (working on the Case-study)	
16:00 -17:00	**Discussions** with representatives from **Luxoft**, Q&A session. **Mandatory for all teams!**	

Time	Thursday, 20 May	Lecturer
09:00 - 10:30	Lecture on "Transforming behavioural economy in a turbulence environment"	Sergey Bushuyev
10:30 - 10:40	**Coffee break**	
10:40 - 12:10	Workshop on "Introduction to Apache Spark"	Natalia Myronova
12:10 - 13:00	**Lunch**	
13:00 - 16:00	Teamwork (working on the Case-study)	
Time	Friday, 21 May	Lecturer
09:00 - 12:00	Teamwork (working on the Case-study)	
12:00 - 13:00	**Lunch**	
13:00 - 16:00	**Presentation of the case-study results** (10-15 minutes for each team + feedback). **Mandatory for all teams!**	
16:00 - 16:15	**Closing**	