

Data Science for Sustainable Finance and Economics 2024

Programme

HTW Berlin, Wilhelminenhofstraße 75A 12459 Berlin

Building C Room 446

Zoom: <https://htw-berlin.zoom-x.de/j/62172715123>



Program Schedule

Monday (09.09.24)

Time	Event
08:30-09:00	Registration and soundcheck with online participants
09:00-09:15	Greetings and welcoming remarks
09:15-10:00	Introduction to sustainable finance Prof. Dr. Jan-Alexander Posth ZHAW
10:00-10:15	Coffee Break
10:15-11:15	Project introduction: "From A to Loan: Leveraging Pre-Evaluation Data to Predict ESG Loan Approval and Guide SME Success" Ghaith Dkmak, Dr. Bekir Çetintav, Yigit Kilicaslan HangiKredi
11:15-11:30	Coffee Break
11:30-12:30	How to value a company? Methods and examples Prof. Dr. Alessandra Tanda University of Pavia
12:30-13:30	Lunch (Mensa HTW Wilhelminenhof)
13:30-14:15	Gentle introduction to Machine Learning in finance Stefan Paulus HWR Berlin
14:15-15:00	Sustainable investments – Interaction of regulation and investment practice Dr. Andrea Jacob DWS Group
15:00-15:30	Coffee Break
15:30-17:00	Project introduction: "Carbon Pricing within the EU Emission Trading System: A case study of the EU Power Sector" Dr. Marc-Gregor Czaja Allianz Investment Management SE
18:00-21:00	Welcome dinner for all participants at HTW (BBQ, H001)

Tuesday (10.09.24)

Time	Event
09:00-09:45	Project introduction: "Condition Based Maintenance: Soot Blowing Optimization in Waste-to-Energy plants using AI" Levi Slap AG Solution
09:45-10:30	Data preprocessing Levi Slap AG Solution
10:30-11:00	Coffee Break
11:00-12:30	ML methods for finance Dr. Alla Petukhina, Prof. Dr. Christina Erlwein-Sayer HTW Berlin
12:30-13:30	Lunch
13:30-14:15	Production thinking Dr. Bekir Çetintav HangiKredi
14:15-15:00	Overview of XAI methods Prof. Dr. Daniel Traian Pele Bucharest University of Economic Studies
15:00-15:30	Coffee Break
15:30-16:15	ESG ratings explainability through machine learning techniques Davide Stocco Politecnico Milano
16:15-17:30	Project Work in groups

Wednesday (11.09.24)

Time	Event
Morning	Project Work in groups
12:30-13:30	Lunch
13:30-15:00	Project Work in groups
15:00-15:30	Coffee Break
15:30-17:00	Project Work in groups

Thursday (12.09.24)

Time	Event
09:00-10:30	Project Work in groups
10:30-11:00	Coffee Break
11:00-12:30	First short presentation and feedback
12:30-13:30	Lunch
13:30-17:00	Boat tour and dome of the Reichstag Building

Friday (13.09.24)

Time	Event
09:00-10:30	Projects' Presentations
10:30-11:00	Coffee Break
11:00-11:45	Energy transition driven by data Hans Fastenaekels VYNCKE NV
11:45-12:30	Projects' Presentations
12:30-13:30	Lunch
13:30-15:00	Projects' Presentations
15:00-15:30	Wrap-up, Group picture and closing remarks