




# 3<sup>rd</sup> NeEDS Workshop On the Latest Advances in Machine Learning to Deal with Complex Data



 Place: Copenhagen Business School

 Date: May 17, 2023

 Time: 14.00-18.00

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## Programme

14.00-14.15: Welcome

14.15-14.55: Paul Hünermund, Copenhagen Business School  
Causal Inference and Data Fusion in Econometrics

14.55-15.20: Margot Geerts, Katholieke Universiteit Leuven  
Geospatial Tree-based Models for House Price Prediction

15.20-15.45: Kseniia Kurishchenko, Copenhagen Business School  
On Fair Random Forests

15.45-16.10: Samuel Chevalier, Technical University of Denmark  
Global Performance Guarantees for Neural Network Models of AC Power

16.10-16.30: Coffee Break

16.30-17.10: Munir Hiabu, University of Copenhagen  
On Functional Decompositions, Post-hoc Machine Learning Interpretations and De-biasing

17.10-17.35: Martin Magris, Aarhus University  
Variational Inference for Econometric Modelling: Gaining a Predictive Edge on the Markets

17.35-18.00: Eléa Prat, Technical University of Denmark  
Solving Bilevel Problems with Machine Learning - Application to Strategic Bidding