WORKSHOP

HIGH-DIMENSIONAL DATA, NETWORKS, AND BEYOND

December 5th, 2025 - 9.00 am

Aula B, Palazzo San Leonardo, Riviera Garibaldi 13, Treviso

9.00 **Welcome Remarks**

9.10 **Keynote Lecture**
Daniele Durante, Bocconi University
Bayesian Modelling of Criminal Networks

10.00 Coffee break

10.30 **SESSION 1:** *Network Data*
Ovielt Baltodano Lopez, Ca' Foscari University of Venice
A Dynamic Stochastic Block Model for Multidimensional Networks

Matteo Iacopini, Luiss University
A Dynamic Latent Space Model for Matrix-valued Count Time Series

Antonio Peruzzi, Ca' Foscari University of Venice
Media Bias and Polarization through the Lens of a Markov Switching LS Network Model

Lorenzo Schiavon, Ca' Foscari University of Venice
Informed Order-Invariant Identifiability for Bayesian Factor Models

This is the **ZOOM LINK** to participate in the seminar

12.30 Lunch break

14.30 **SESSION 2:** *High Dimensional Data*
Angela Andreella, Ca' Foscari University of Venice
Inference on Multiple Quantities in Regression Models by a Rank-Score Approach

Mattia Stival, Ca' Foscari University of Venice
The Perceived Influences of Environment on Health in Italy: a Penalized Ordinal Regression Approach

Emanuele Aliverti, University of Padua
Scalable Approximate Inference for Cumulative Regression Models

Qing Wang, Ca' Foscari University of Venice
Compressed Bayesian Tensor Regression

16.30 Coffee break

17.00 **Keynote Lecture**
Antonio Canale, University of Padua
Adaptive Partition Factor Analysis

17.50 **Concluding Remarks**

Ca' Foscari University of Venice
Department of Economics

Campus Treviso