

LECTURE SERIES 2025

CAUSAL INFERENCE METHODS FOR REAL-WORLD DATA



PI: Sophie Pilleron (main contact),
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LECTURE

Maison des Sciences Humaines
Room: Conference room
11 porte des Sciences
L-4366 Esch-sur-Alzette, Luxembourg

MEET, GREET & EAT

light lunch provided

11.00-12.00am **12.00-13.30pm**



**For exact time and location, please refer to upcoming individual lecture poster*

**01
Oct.**

Introduction to causal inference
and directed acyclic graphs

Peter Tennant

Associate Professor of Health Data Science at the University of Leeds
Former fellow of the UK's Alan Turing Institute
Incoming George Sadan Visiting Associate Professor at Yale University for 2026

**14
Nov.**

Causal inference with compositional data

Georgia Tomova

Research Fellow at the UCL Centre for Longitudinal Studies
Co-leader of the Causal Inference Interest Group

**18
Dec.**

« Causal AI »: Is causal inference from
healthcare data about to be automated?

Miguel Hernán

Director of CAUSALab
Professor of Epidemiology and Biostatistics at Harvard

**05
Feb.**

Policy relevant effects in infectious
disease studies

Mats Stensrud

Associate professor
Chair of Biostatistics, École Polytechnique Fédérale de Lausanne

**19
Mar.**

Applications of causal inference
in public policy

Fabrizia Mealli

Professor of Econometrics at the European University Institute's
Department of Economics

**29
Apr.**

Causal inference and AI

Martin Huber

Professor of Applied Econometrics and Policy Evaluation
Department of Economics of Fribourg University

**07
May**

Do causal inference practices uniquely
predicts causal inference quality?

Julia Roher

Academic assistant (lecturer) at Leipzig University

**01
Jul.**

Scalable causal discovery for statistically
efficient causal inference

Sara Magliacane

Professor of Machine Learning
Saarland University

**09
Jul.**

Assessing the short-term effects of
air pollution on health: a causal inference
perspective

Michela Baccini

Full Professor of Medical Statistics, University of Florence