

# PROGRAM

ISPED - BPH  
Nightingale room  
University de Bordeaux - France

## Workshop Causal Inference in High-Dimensional Setting

September 19th, 2025  
9:00 - 12:30

The Workshop « Causal Inference in High-Dimensional Setting » as part of, and following on from, the first international symposiumon “Social Inequalities and the Exposome”.

### Speakers :

- **Rodolphe THIEBAUT** (Bordeaux Population Health, SISTM team, Bordeaux): « Welcoming words, workshop short introduction »
- **Cécilia SAMIERI** (Bordeaux Population Health, Eleanor team, Bordeaux): « Unravelling impact of the exposome on health: top methodological challenges viewed by an epidemiologist »
- **Marc CHADEAU** (Center for Environment & Health, Imperial College London): « Exposome Analytics: Rationale, Challenges, and Real-World Applications »
- **Meriem KOUAL** (Inserm UMR-S 1124, Université de Paris): « The effect of environmental pollutant exposure on breast cancer progression: an integrative approach »
- **Gregory NUEL** (LPSM, CNRS, Sorbonne Université) « Inferring causality from a mixture of observations and interventions »
- **Benoît LEPAGE** (CERPOP, Inserm-Université Toulouse III Paul Sabatier): « High dimensional exposure and positivity violation: benefits of stochastic counterfactual scenarios and extrapolation using marginal structural models »
- **Charles ASSAAD** (Pierre Louis Institute of Epidemiology and Public Health, Inserm and Sorbonne Université): « Causal inference from abstractions of causal graphs »
- **Cécile PROUST-LIMA** (Bordeaux Population Health, Biostat team, Bordeaux): « Continuous-time mediation analysis for repeatedly measured intermediate and final outcomes »
- **Quentin CLAIRON** (Bordeaux Population Health, Sism team, Bordeaux): « Neural network based inference of mechanistic models in a population setting ».

### CONCLUDING REMARKS

THE WORKSHOP WILL CLOSE WITH A BUFFET  
IN THE ISPED-BPH HALL

