Day 1 - September 26

OPENING Debora Berti, Vice-Rector for Research of the University of Florence, QQQ Museo Galileo, QQQ

- 9:30-11:00 Keynote 1 **Guido Imbens**, Applied Econometrics Professor and Professor of Economics, Graduate School of Business, Stanford University

Coffee break

- 11:30-13:00 Round Table 1 *Causality in socio-economic research*

Light lunch

- 2:00 pm-3:30 pm Keynote 2 **Mihaela van der Schaar**, John Humphrey Plummer Professor of Machine Learning, Artificial Intelligence and Medicine at the University of Cambridge

coffee-break

- 4:00 pm – 5:30 pm Round Table 2 *Causal discovery in genomics and precision medicine*:

Welcome drink at the Museum Library

Day 2 - September 27

- 9:30-11:00 Keynote 3 **Elizabeth A. Stuart**, Frank Hurley and Catherine Dorrier Professor of Biostatistics, Johns Hopkins Bloomberg School of Public Health

Coffee break

- 11:30-13:00 Round Table 3 *Environmental health policy and climate change*

Light lunch

- 2 pm-3:30 pm Keynote 4 **Alessandro De Angelis**, Full Professor of Experimental Physics, University of Padova and University of Lisboa

Coffee-break

- 4 pm – 5:30 pm Round Table 4: *Fairness and Causality*

Round Tables

- *Causality in socio-economic research* (organizer: Fabrizia Mealli EUI/DISIA UNIFI): Andrea Ichino (Chair, EUI), Dean Eckles (IMT), Miriam Golden (EUI), Guido Imbens (Stanford University)
- *Causal discovery in genomics and precision medicine* (organizers: F. Stingo and F. Sera, DISIA): Pietro Ferrari (Chair, IARC Lyon), Raffaella Campaner (University of Bologna), Julie Josse (INRIA, Montpellier), Mihaela Van Der Scharr (University of Cambridge).
- *Environmental health policy and climate change* (organizer: Francesca Dominici, HDSI): Francesca Dominici (Chair, HDSI), Marshall Burke (Stanford University), Elisabeth Stuart (Johns Hopkins Bloomberg School of Public Health), Cory.Zigler (University of Texsas, Austin).
- *Fairness and Causality* (organizer: Anna Gottard, DISIA and Florence Center of Data Science): Anna Gottard (Chair, University of Florence), Kristin P. Bennek (Rensselaer Polytechnic Institute Troy, New York, USA), Silvia Chiappa (DeepMind, London), Imai Kosuke (Harvard University, USA).

Venue: Museo Galileo, Florence Italy

Registration: attendance is by invitation only, but stay tuned for upcoming registration for online streaming.

Social events

- Welcome cocktail 25 September 2024 Villa Bardini, Florence (open to invited participants)
- Statistics and probability laboratories (open to the general public) 28 September, Museo Galileo