











Bando MIUR - PRIN 2017 CUP: H74I17000040003



This intermediate workshop aims at presenting some initial scientific outputs of the project and provides an opportunity to discuss three macro themes (Covid-19, mortality, morbidity) from an interdisciplinary perspective, which embraces demography, social science, epidemiology and data analysis.

How to attend. The meeting will be delivered in presence, and registration at this form is compulsory. Please note that access to the university rooms requires a valid COVID-19 green certificate.

## **Mortality**

9:00-9:25

### **Daniele Durante, Federico Pavone,** Sirio Legramanti

Bayesian learning and forecasting of age-specific period mortality via locally adaptive spline processes

9:25-9:50

#### Chiara Micheletti, Marco Stefanucci, **Stefano Mazzuco**

The association between containment measures implemented by countries across the world and excess mortality linked to Covid-19: a study based on functional data analysis

9:50-10:30

## **Stefano Mazzuco**

What is Premature Mortality? Trying to reconcile two views

10:30-10:45 Floor Discussion Coffee break

Keynote

#### Covid-19

11:15-11:40

#### **Alessia Melegaro**

The role of demographic structure and social contact patterns in an uncontrolled SARS-CoV-2 pandemic

11:40-12:05

#### **Emanuele Aliverti**

Dynamic modeling of psychological traits during the Covid-19 pandemic

12:05-12:45

Keynote

#### **Alessio Farcomeni**

Generalised non-linear mixed models for COVID-19 incidence

12:45-13:45

Floor Discussion

Lunch break

# **Morbidity**

14:30-14:55

Andrea Pastore. Stefano Tonellato. **Emanuele Aliverti, Stefano Campostrini** 

When does morbidity start? First estimates from the Italian PASSI surveillance system

14:55-15:20

## Chiara Airoldi, Fabrizio Faggiano

Preliminary thoughts and first data on the trend of chronicity in Italy

15:20-16:00

Keynote

### **Lorenzo Monasta**

Burden of diseases measurement in Italy

16:00-16:15

Floor Discussion

Further information is available at this link.