

## The socio-economic consequences of the COVID-19 pandemic @GROWINPRO Modelling, empirics and policy designs

2 December 2020

14.00-18.00

web-conference

The conference collects and presents the research outputs developed by the GROWINPRO consortium addressing and developing analyses and policy guidelines to tackle the COVID-19 crisis.

Featuring contributions on (i) modelling of the pandemic and its interaction with the economic structure, (ii) asymmetric economic effects for individuals, firms and sectors of the economy, (iii) policy responses which have been undertaken and new pathways ahead, the workshop will be a venue to improve our understanding of the many interactions undergoing between collective safety, national health systems and socio-economic well-being.

The design of a sustainable agenda to tackle the new emerging pressures will be addressed in a final round-table involving members of the advisory board of GROWINPRO and of the civil society.

14.00-14.45

### Greetings

! Andrea Roventini (Scuola Superiore Sant'Anna)  
*GROWINPRO addressing the COVID-19 crisis*

### Session 1: Modelling COVID-19 via agent-based and multi-scale modelling approaches

Chair: Tania Treibich (Maastricht University)

! Herbert Dawid (Bielefeld University)  
*Economic and epidemic implications of virus containment policies: insights from agent-based simulations*

! Nicola Bellomo (University of Granada) and Damian Knopoff (CONICET)  
*A multi-scale model of virus pandemic: Heterogeneous interactive entities in a globally connected world*

Discussion and Q&A



## 14.45-15.45

### **Session 2: The economic impacts of Covid-19: individual, firm and sectoral asymmetries**

Chair: Florence Blandinieres (ZEW)

! Armanda Cetrulo (Scuola Superiore Sant'Anna)  
*Working from home and the explosion of enduring divides: income, employment and safety risks*

! Werner Holzl (WIFO)  
*A mechanism to support SMEs in the COVID 19 crisis*

! Mauro Napoletano (University of Cote d'Azur)  
*Lockdown, regional and sectoral dynamics*

Discussion and Q&A

## 15.45-16.45

### **Session 3: The policy responses to the Covid-19 crisis**

Chair: Maria Enrica Virgillito (Scuola Superiore Sant'Anna)

! Giovanni Dosi (Scuola Superiore Sant'Anna)  
*Unequal societies in usual times, unjust societies in pandemic ones*

! Mariana Mazzucato (UCL)  
*National systems of innovation in pandemic times*

! Nicoletta Batini (IMF)  
*Reducing risk while sharing it: a fiscal recipe for the EU at the time of COVID-19*

Discussion and Q&A

## **Break (16.45 - 17.00)**

## 17.00-18.00

### **Round table: Which policies for which interests? Science, health and socio-economic pathways for sustainable societies**

Chair: Duccio Zola (Lunaria)

Luca Carra (Scienzainrete), Sarah Kaplan (University of Toronto), Andrea Roventini (Scuola Superiore Sant'Anna)

Discussion and Q&A

