

# ECONOMICS OF INNOVATION:

Where are we, how did  
we get here, and where  
are we heading?

## Conference

**September 13-15, 2023**

Sala Negri da Oleggio  
Largo A. Gemelli 1 - Milano



**Sant'Anna**  
Scuola Universitaria Superiore Pisa



**Università  
Bocconi**  
MILANO



**UNIVERSITÀ  
CATTOLICA**  
del Sacro Cuore

# 13<sup>th</sup> September, 2023

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14.00

## Opening addresses

Antonella OCCHINO, Dean of the Faculty of Economics,  
Università Cattolica del Sacro Cuore, Milano

Marco VIVARELLI, Director of the Department of Economic  
Policy, Università Cattolica del Sacro Cuore, Milano

## SESSION I

### INNOVATION AND INDUSTRIAL DYNAMICS

Chair: Nicoletta CORROCHER, Bocconi University, Milano

14.30

Roberto FONTANA, University of Pavia

*Where do firms come from? Knowledge  
relatedness and firm entry*

15.00

Hugo CASTRO SILVA, University of Lisbon

*Regional impacts of digitalisation: The roles  
of Industry specialisation, variety, and agglomeration*

15.30

Arianna MARTINELLI, Sant'Anna School of Advanced  
Studies, Pisa

*Are we moving to a less toxic world? How bans  
on Persistent Organic Pollutants affect firms'  
inventive strategies*

16.00

## Discussion

Introduced by Marco GUERZONI,  
University of Milano-Bicocca

16.45

*Coffee break*

17.00

## Round Table

Chaired by Elena CEFIS, University of Bergamo

Rui BAPTISTA, University of Lisbon

Alex COAD, Waseda University, Tokyo

Orietta MARSILI, University of Bristol

Enrico SANTARELLI, University of Bologna

18.30

**End of day 1**

20.00

**Social dinner**

# 14<sup>th</sup> September, 2023

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## SESSION II

### INNOVATION AND THE LABOR MARKET

Chair: Chiara MUSSIDA, Università Cattolica del Sacro Cuore, Piacenza

9.30

Jacopo STACCIOLI, Università Cattolica del Sacro Cuore, Milano  
*The empirics of technology, employment and occupations: lessons learned and challenges ahead*

10.00

Bettina PETERS, ZEW - Leibniz Centre for European Economic Research, Mannheim  
*Artificial Intelligence and the Demand for Labor: Evidence from German Firm-level Data*

10.30

Mehmet UGUR, University of Greenwich, London  
*Innovation, markups and the labour market: Euro-area industry evidence on employment and the labour share*

11.00

#### Discussion

Introduced by Dario GUARASCIO, Sapienza University, Roma

11.45

*Coffee break*

12.00

#### Round Table

Chaired by Maria Enrica VIRGILLITO, Sant'Anna School of Advanced Studies, Pisa

Pierre MOHNEN, UNU-MERIT, Maastricht  
Mario PIANTA, Scuola Normale Superiore, Firenze  
Maria SAVONA, LUISS Guido Carli, Roma  
and SPRU-University of Sussex  
Marco VIVARELLI, Università Cattolica del Sacro Cuore, Milano

13.30

*Lunch*

## SESSION III

### INNOVATION AND GLOBALIZATION

Chair: Gabriele PELLEGRINO, Università Cattolica del Sacro Cuore, Milano

15.00

Antonello ZANFEI, University of Urbino  
*Functional specialization, R&D and upgrading in European regions: new insights from FDI data*

15.30

Tania TREIBICH, University of Maastricht  
*Automation adoption and export performance: Evidence from French firms*

16.00

Chiara FRANCO, University of Pisa

***Robots and Global Value Chain***

16.30

**Discussion**

Introduced by Marco GRAZZI, Università Cattolica del Sacro Cuore, Milano

17.15

***Coffee break***

17.30

**Round Table**

Chaired by Daniele MOSCHELLA, Sant'Anna School of Advanced Studies, Pisa

Cristiano ANTONELLI, University of Torino

Keun LEE, Seoul National University

Valentina MELICIANI, LUISS Guido Carli, Roma

Giovanni DOSI, Sant'Anna School of Advanced Studies, Pisa

19.00

**End of day 2**

20.00

**Social dinner**

## 15<sup>th</sup> September, 2023

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### SESSION IV

#### INNOVATION AND SUSTAINABILITY

Chair: Maria Luisa MANCUSI, Università Cattolica del Sacro Cuore, Milano

9.00

Claudia GHISETTI, University of Milano-Bicocca

***Mapping the 'twin' transition through patent and publication data***

9.30

Federico NUTARELLI, Bocconi University, Milano

***Assessing the determinants of science-based green patents***

10.00

Effie KESIDOU, Leeds University Business School

***Twin Net Zero and Digital transition - Myth or Reality? Evidence from UK SMEs***

10.30

**Discussion**

Introduced by Sandro MONTRESOR, Gran Sasso Science Institute, L'Aquila

11.15

***Coffee break***

11.30

### **Round Table**

Chaired by Andrea MINA, Sant'Anna School of Advanced Studies, Pisa

Pelin DEMIREL, Imperial College London

Jackie KRAFFT, Côte d'Azur University, Nice

Mauro NAPOLETANO, Côte d'Azur University, Nice

Francesco QUATRARO, University of Torino

13.00

### **Lunch**

## **SESSION V**

### **MANAGERIAL AND POLICY IMPLICATIONS**

Chair: Fabio MONTOBBIO, Università Cattolica del Sacro Cuore, Milano

14.30

Nathalie GREENAN, Employment and Labour Research Centre - CNAM - CEET, Paris

***Innovating for the good or for the bad?***

***An EU-wide analysis of the impact of the***

***technological transformation on the labour market***

15.00

Luigi MARENCO, LUISS Guido Carli, Roma

***Make, Buy, or Redesign. The impact of digital technologies on the organization of production***

15.30

Andrea MINA, Sant'Anna School of Advanced Studies, Pisa

***Public funding of innovation: evidence from European R&D grants***

16.00

### **Discussion**

Introduced by Stefano BIANCHINI, University of Strasbourg

16.45

### **Coffee break**

17.00

### **Round Table**

Chaired by Mariacristina PIVA, Università Cattolica del Sacro Cuore, Piacenza

Giuliana BATTISTI, Warwick Business School

Uwe CANTNER, University of Jena

Scott CUNNINGHAM, University of Strathclyde, Glasgow

Franco MALERBA, Bocconi University, Milano

18.30

### **Concluding remarks**

Giovanni DOSI, Sant'Anna School of Advanced Studies, Pisa

Marco Vivarelli, Università Cattolica del Sacro Cuore, Milano

19.00

### **Farewell cocktail**

## Participants

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