



Finanziato  
dall'Unione europea  
NextGenerationEU



Ministero  
dell'Università  
e della Ricerca



Italiadomani  
PIANO NAZIONALE  
DI RIPRESA E RESILIENZA

MISSIONE 4  
ISTRUZIONE  
RICERCA

## Data, Algorithms, and Innovation in Firms: A Workshop on Digital Transformation, Data Driven Innovation and Firm Dynamics

January 29–30, 2026

Campus Economico S. Giobbe, Ca'Foscari University of Venice

**Thursday 29 Jan 2026**

11:00 Welcome and Greetings

11:30-13:00 Paper Session I

'AI: diffusion, technological interdependencies and impact on productivity and innovation'  
*Flavio Calvino* - OECD Directorate for Science, Technology and Innovation

'Measuring Data Driven Innovation. What we did not know and what we learnt'

*Marco Guerzoni* - Bocconi University of Milan, *Federico Tamagni* - Scuola Superiore Sant'Anna, Pisa

*13:00-14:30 Lunch*

14:30-15:30 Keynote speech

'New economic forces behind the value distribution of innovation'

*Shane M. Greenstein* - Martin Marshall Professor of Business Administration – Harvard Business School

*15:30 Coffee break*

16:00-18:00 Paper session II

'Do patents stimulate product development? Evidence from textual linkages between patents and products' (Barbieri N., Ghisetti C., Montanaro A.)

*Nicolò Barbieri* - University of Ferrara

'Predicting AI patenting of European firms: A Machine Learning approach' (Bloise F., Fiorelli C., Meliciani V.)

*Francesco Bloise* - Sapienza University of Rome

'Detecting Data Driven Innovation in Manufacturing SMEs through coding style' (Bottai C., Crosato L., Guerzoni M., Liberati C.)

*Carlo Bottai* - Bicocca University of Milan

'Data Driven Innovation and firm performance using LLM on websites of Italian SMEs' (Abbonato D., Guerzoni, M., Nuccio. M.)

*Diletta Abbonato* - University of Turin

**Friday 30 Jan 2026**

09:00-11:00 Paper session III

'Manufacturing ideas: the role of 3D printing in firm growth' (Caldarola B., Fontanelli L., McElheran K., Verdolini E.)

*Luca Fontanelli* - University of Brescia

'Data Driven Innovation, firm growth and productivity: evidence from US firm communications and patents' (Abbonato D., Biggi G., Donelli N., Guerzoni M., Mustafa N., Scrofani S., Tamagni F.)

*Federico Tamagni, Nora Donelli* - Scuola Superiore Sant'Anna, Pisa

'How firms digitalize: evidence from Europe' (Stake J. and Nepelsky D.)

*Johan Stake* - European Commission Joint Research Centre

'Data Driven Innovation in hybrid organizations' (Nuccio M. and Mereghetti C.)

*Massimiliano Nuccio* - Ca'Foscari University of Venice

11:00-11:30 Coffee break

11:30-13:00 Paper session IV

'AI and Supercomputing are Powering the Next Wave of Breakthrough Science – But at What Cost?' (Bianchini S., Geuna A., Shermatov F.)

*Stefano Bianchini* - BETA, Université de Strasbourg

'Emerging AI Entrepreneurship Ecosystems in Europe: Are they geographically unbounded?'

*Alina Sorgner* - John Cabot University Rome

'Data Driven Innovation and firm survival: a look at startup firms' (Fontana R. & Oguguo P.)

*Roberto Fontana* - University of Pavia

13:00 Conclusions

The workshop is the final event of the project "Data Driven Innovation (DDI): Measuring its Effects on Industries, Firms, and Business Models", prot. nr. 2022HZL37 and received funding from the European Union Next-GenerationEU - National Recovery and Resilience Plan (NRRP) – MISSION 4 COMPONENT 2, INVESTMENT 1.1 Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN) – CUP N. H53D23002450006



Finanziato  
dall'Unione europea  
NextGenerationEU



Ministero  
dell'Università  
e della Ricerca



Italiadomani  
PIANO NAZIONALE  
DI RIPRESA E RESILIENZA

## LOCATION

The workshop will be held at the Venice School of Management of the Ca'Foscari University of Venice, Rispoli Building - Campus S. Giobbe, Cannaregio 873, 30121 Venice, Italy

## SCIENTIFIC COMMITTEE

**Lisa Crosato**, Università Ca' Foscari, Venezia

**Roberto Fontana**, Università di Pavia, Pavia

**Marco Guerzoni**, Università Milano Bicocca, Milano

**Caterina Liberati**, Università Milano Bicocca, Milano

**Arianna Martinelli**, Scuola Superiore Sant'Anna, Pisa

**Massimiliano Nuccio**, VSM, Università Ca' Foscari, Venezia

**Federico Tamagni**, Scuola Superiore Sant'Anna, Pisa

## LOCAL ORGANIZING COMMITTEE

**Lisa Crosato**, Università Ca' Foscari, Venezia

**Massimiliano Nuccio**, VSM Università Ca' Foscari, Venezia