

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 - Bicocca 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. 2022JHZL37 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

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

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