

Europass Curriculum Vitae

Personal information

First name/ Surname **Paolo Castelnovo**
Address Via Emilio Gola, 8 – 20143 Milano, Italia
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website <https://sites.google.com/view/paolo-castelnovo>
Nationality Italian
Date of birth 05/04/1984
Gender Male

Work experience

Research

Dates	February 15, 2022 – Today
Occupation or position held	Assistant Professor (RTD-B) – SECS-P06
Activity	Research activity in Applied Economics, Economics of Innovation, Public Finance, Regional Economics.
Name and address of employer	Università degli Studi dell'Insubria– Dipartimento di Economia, Via Monte Generoso, via Monte Generoso, 71, Varese (Italy)
Dates	January 2024 – Today
Occupation or position held	Associate Researcher
Activity	Research activity within the project “Raw Materials for the Energy Transition (RAMET)”
Name and address of employer	Fondazione Eni Enrico Mattei, Corso Magenta 63, Milan (Italy)
Dates	September 21, 2021 – February 14, 2022
Occupation or position held	Assistant Professor (RTD-A) – SECS-P03
Activity	Research activity in Public Finance, Applied Economics, Economics of Innovation, Regional Economics
Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano (Italy)
Dates	September 2020 – March 2020
Occupation or position held	Associate Researcher
Activity	Research activity within the project “Cost-Benefit Analysis of public policies in the space industry”, jointly funded and coordinated by the Italian Space Agency and Università degli Studi di Milano.
Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano (Italy)
Dates	December 2013 – June 2020
Occupation or position held	Post-doc Research Fellow
Activity	Research activity in the fields of Public Finance, Political Economy, Applied Economics and Economics of Innovation

Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano (Italy)
Dates	April 2009 – September 2010
Occupation or position held	Junior Analyst
Activity	Involvement in the research project "The Role and Impact of Labour Taxation Policies", funded by the European Commission (DG Employment, Project N° VT/2009/037)
Name and address of employer	Econpubblica – Centre for Research on the Public Sector Università Bocconi, Via Roentgen, 1, Milano (Italy)
Teaching	
Dates	February 2021 – Today
Occupation or position held	Assistant Professor (RTD-B)
Course	- a.y. 2021/22: Microeconomics (80h, 12 CFU). Program: CLEM (Bachelor) - a.y. 2022/23, 2023/24: Economics of Innovation (40h, 6 CFU, in English). Program: GEEM (Master) - a.y. 2022/23, 2023/24: Industrial Dynamics and Evolution (40h, 6 CFU, in English). Program: GEEM (Master) - a.y. 2022/23, 2023/24: Economics of Taxation (40h, 6 CFU). Program: EDIFI (Master) - a.y. 2022/23, 2023/24: Applied Microeconometrics (4h). Program: PhD Program in Methods and Models for Economic Decisions
Name and address of employer	Università degli Studi dell'Insubria– Dipartimento di Economia, Via Monte Generoso, via Monte Generoso, 71, Varese (Italy)
Dates	September 2021 – February 2022
Occupation or position held	Assistant Professor (RTD-A)
Course	Political Economy (60h, 8 CFU). Program: Economics and Management (Bachelor)
Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano (Italy)
Dates	February 2015 – July 2023
Occupation or position held	Adjunct Professor
Course	- a.y. 2015/16, 2016/17, 2017/18: Public Finance (52h, 6 CFU). Program: CLEAM (Bachelor) - a.y. 2018/19, 2019/20: Public Finance (26h, 3 CFU). Program: CLMG (Master's degree in law) - a.y. 2019/20: Public Finance (48h, 6 CFU, in English). Program: CLEACC (Bachelor) - a.y. 2020/21: Public Finance (52h, 6 CFU). Program: CLMG (Master's degree in law) - a.y. 2020/21: Public Finance (48h, 6 CFU, in English). Program: CLEACC (Bachelor) - a.y. 2021/22: Public Finance (26h, 3 CFU). Program: CLEAM (Bachelor) - a.y. 2022/23: Public Finance (48h, 6 CFU). Program: CLEAM (Bachelor)
Name and address of employer	Università Bocconi – Dipartimento di Analisi delle Politiche e Management Pubblico, Via Roentgen, 1, Milano
Dates	January 2019 – February 2023
Occupation or position held	Adjunct Professor
Course	- a.y. 2019/20; 2020/21: European Regulatory Economics (20h, 3 CFU, in English). Program: International Relations (Master) - a.y. 2021/22; 2022/23: European Regulatory Economics (10h, 2 CFU, in English). Program: International Relations (Master)
Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano
Dates	November 2020 – July 2021

Occupation or position held	Adjunct Professor
Course	Economics and Industrial Dynamics (24h, 3 CFU). Program: Economic and Statistical Sciences (Master)
Name and address of employer	Università degli studi di Milano Bicocca - Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa (D.E.M.S.), Piazza dell'Ateneo Nuovo, 1, Milano
Dates	April 2019 – September, 2019
Occupation or position held	Adjunct Professor
Course	Public Finance (24h, 3 CFU, in English). Program: Economics and Management (Bachelor)
Name and address of employer	Università Cattolica del Sacro Cuore di Milano – Dipartimento di Economia, Via Necchi, 5, Milano
Dates	January 2016 – September 2017; January 2019 – December, 2021
Occupation or position held	Teaching Assistant
Activity	T.A., responsible for the exercise sessions of the Public Finance course (program: Economics and Management)
Name and address of employer	Università degli Studi di Milano – Dipartimento di Economia, Management e Metodi Quantitativi (D.E.M.M.), Via Conservatorio, 7, Milano
Dates	September 2012 – June 2015
Occupation or position held	Teaching Assistant
Activity	T.A., responsible for the exercise sessions of Macroeconomics (programs: Economia delle Imprese e dei Mercati, Economia e Gestione Aziendale, Economia e Legislazione d'Impresa).
Name and address of employer	Università Cattolica del Sacro Cuore di Milano, Largo Gemelli, 2, Milano
Dates	April 2009 – February 2015
Occupation or position held	Teaching Assistant
Activity	-T.A. for the Master course in Public Economics -T.A. of Public Economics for the students enrolled in the Bachelor of Law (CLMG) -T.A. of Public Economics for the students enrolled in the undergraduate programs in: Business Administration and Management (CLEAM), Economics and Finance (CLEF), Economics and Social Sciences (CLES), International Economics, Management and Finance (BIEMF).
Name and address of employer	Università Bocconi – Dipartimento di Analisi delle Politiche e Management Pubblico Via Roentgen, 1, Milano
Others	
Dates	March 2008 – June 2008
Occupation or position held	Intern
Activity	Press monitoring and press review, newsletter
Name and address of employer	Italian Delegation of the European Commission, Corso Magenta, 61 – Milan
Type of business or sector	International Relationships

Education and training

Dates	October 2010 – June 2014
Title of qualification awarded	Phd in Economics and Finance of Public Administration (DEFAP)
Principal subjects covered	Econometrics, Public Economics, Microeconomics, Macroeconomics, Game Theory Title of the Thesis: "Intergenerational transmission of BMI and its effects on cognitive skills" Supervisor: Prof. L. Cappellari

Organisation providing education	Università Cattolica del Sacro Cuore di Milano and Università degli Studi di Milano Bicocca Largo A. Gemelli, 1, 20123 Milano (Italy)
Level in international classification	ISCED 6
Dates	March 2009
Title of qualification awarded	M.Sc. in Economic and Social Disciplines (DES-LS)
Principal subjects covered	Public economics; Development economics; Political economics; Microeconometrics; Advanced Statistics; Bayesian statistical methods; Income distribution; Advanced Mathematics; Economic History Title of the Thesis: "Finanziamento del Sistema Universitario e Incentivi" Supervisor: Professor Alessandra Casarico Discussant: Professor Paola Profeta Final Grade: 110/110 cum Laude
Organisation providing education	Università Commerciale Luigi Bocconi, via Sarfatti, 25, 20136 Milan (Italy)
Level in international classification	ISCED 5A
Dates	October 2006
Title of qualification awarded	Degree in Economic and Social Disciplines (DES)
Principal subjects covered	Economics; Public economics; Political economics; Econometrics; Economic History Title of the Thesis: "Il Ruolo del Consumo nella Teoria Keynesiana" Supervisors: Professor Giorgio Lunghini, Doctor Stefano Lucarelli Final Grade: 110/110
Organisation providing education	Università Commerciale Luigi Bocconi, via Sarfatti, 25, 20136 Milan (Italy)
Level in international classification	ISCED 5

Summer schools and additional formation

1. "Performance and Governance of Services of General Interest: critical perspectives on Energy, Telecommunications, Transport, and Water Reforms in the EU", EUsers Summer School, Milan (27th June-1st July 2016).
2. "DEFAP-LASER Summer School in Applied Microeconometrics", Catholic University of Milan (9th-13th June 2014).
3. "Microeconometrics using Stata" (course taught by D. Drukker), University of Bergamo (11th-12th November 2013).
4. "Topics in Public Economics – Normative Tax Theory & Policy, Political Economy, Fiscal Federalism" (course taught by Prof. R. Boadway), USI – University of Lugano (June 2010)

Articles in peer-reviewed journals:

1. Florio M., Castelnovo P., Landoni M., Lupi V., Morretta V., Vurchio D., Zirulia L., Di Ciaccio S., Piermaria M. (2024). "Accounting for the impact of Space Policies in Italy". *Space Policy*, forthcoming (IF₂₀₂₂=1.1).
2. Florio M. and Castelnovo P. (2023). "Quasi-experiments to estimate the economic impact of research infrastructures". *CERN IdeaSquare Journal of Experimental Innovation (CIJ)*, 7 (3), 5-7.
3. Castelnovo P., Catalano J., Giffoni F. and Landoni M. (2023). "The outcomes of public procurements: an empirical analysis of the Italian space industry". *The Journal of Technology Transfer*, available online at: <https://link.springer.com/article/10.1007/s10961-023-10038-6> (IF_{5y,2022}=5.5; ANVUR rank area 13: A)
4. Castelnovo P., Clò S. and Florio M. (2023). "A quasi-experimental design to assess the innovative impact of public procurement: an application to the Italian space industry". *Technovation*, Vol. 121. (IF₂₀₂₁= 11.373; ANVUR rank area 13: A)
5. Castelnovo P. (2022). "Innovation in private and state-owned enterprises: a cross-industry analysis of patenting activity". *Structural Change and Economic Dynamics*, vol. 62: 98-113. (IF₂₀₂₁=5.059; ANVUR rank area 13: A)
6. Bastianin, A., P. Castelnovo, M. Florio and Giunta A. (2021). "Big Science and Innovation. Gestation Lag from Procurement to Patents for CERN Suppliers". *The Journal of Technology Transfer*, vol 47: 531-555. (IF_{5y,2020}=6.552; ANVUR rank area 13: A)
7. Castelnovo P. and Dal Molin M. (2020). "The learning mechanisms through public procurement for innovation: the case of government-funded basic research organizations". *Annals of Public and Cooperative Economics*, vol. 92(3): 441-446. (IF₂₀₂₀=1.905; ANVUR rank area 13: A)
8. Castelnovo P., Morretta V. and Vecchi M. (2020). "Regional disparities and industrial structure: territorial capital and productivity of Italian firms". *Regional Studies*. Vol. 54(12): 1709-1723. (IF_{5y,2020}=5.444; ANVUR rank area 13: A)
9. Castelnovo, P., Del Bo C. and Florio, M. (2019). "Quality of institutions and productivity of State-Invested Enterprises: International evidence from major telecom companies". *European Journal of Political Economy*, vol. 58(C): 102-117. (IF_{5y,2020}=2.366; ANVUR rank area 13: A)
10. Castelnovo P., Florio M., Forte S., Rossi L. and Sirtori E. (2018). "The economic impact of technological procurement for large-scale research infrastructures: Evidence from the Large Hadron Collider at CERN". *Research Policy*, Vol. 47(9): 1853-1867. (IF_{5y,2019}=7.929; ANVUR rank area 13: A)
11. Bastianin A., Castelnovo P. and Florio M. (2018). "Evaluating regulatory reforms in network industries: a survey of empirical models based on categorical proxies". *Utilities Policy*, Vol. 55: 115-128. (IF_{5y,2019}=2.358; ANVUR rank area 13: A)
12. Florio M., Bastianin A. and Castelnovo P. (2018). "The socio-economic impact of a breakthrough in the particle accelerators' technology: a research agenda". *Nuclear Inst. and Methods in Physics Research A*, Vol. 909: 21-26. (IF_{5y,2019}=1.309)
13. Cappellari L., Castelnovo P., Checchi D., Leonardi M. (2017). "Skilled or Educated? Educational Reforms, Human Capital and Earnings". *Research in Labour Economics*, vol. 45: 173-197.
14. Castelnovo P. (2016). "State-Invested enterprises in the European telecommunication industry: are they competitive players?" *Economia Pubblica - Italian Journal of Public Economics*, vol. 43(3): 219-240.

Chapters in books:

1. Castelnovo P. and Florio M. (2020). "Mission-oriented public organizations for knowledge creation". in Bance P., Bernier L. and Florio M. (2020), "State-owned enterprises in the 21st century: a new handbook". Routledge Publishing, Taylor & Francis Group, Oxford, UK.
2. Castelnovo P. (2017). "Ownership and Firm Performance: Empirical Evidence from the European Telecommunications Industry (2006-14)", in M. Florio (2017): "Network Industries Reform: evaluating the EU paradigm", Edward Elgar Publishing.
3. Castelnovo P. (2014). "La trasmissione inter-generazionale della salute: un'analisi dell'indice di massa corporea" in Economia della Popolazione: Disuguaglianza, Famiglia e Migrazioni (a cura di L. Cappellari e C. Lucifora), Vita e Pensiero.

Other publications:

- 1 Florio M., Castelnovo P., Lupi V., Morretta V., Vurchio D., Zirulia L., Di Ciaccio S., Piermaria M. (2022). "L'impatto socio-economico delle politiche pubbliche nel settore spazio in Italia". Available online at: <https://www.asi.it/2022/01/il-significativo-impatto-dellasi-sulla-space-economy-risultati-di-un-recente-studio-svolto-dallagenzia-in-collaborazione-con-luniversita-di-milano/> and <https://www.asi.it/wp-content/uploads/2022/01/Sintesi-del-Rapporto-Finale-Inglese.pdf>
- 2 Cappellari L., Castelnovo P. (2014). "Famiglie italiane e fiducia nelle banche: evidenza dai microdati Banca d'Italia" in *Osservatorio Monetario* 01/2014, Associazione per lo Sviluppo degli Studi di Banca e Borsa, Laboratorio di Analisi Monetaria (LAM), Università Cattolica del Sacro Cuore.

Submitted papers/chapters:

1. Bastianin A., and Castelnovo, P. and Zirulia L. (2023). "The impact of innovative public procurement on technological entry and innovation persistence: evidence from CERN" (*Under Review*)
2. Castelnovo P., Dal Molin M. and Landoni, M. (2023). "Creating synergies from barriers in the Big Science–industry relation. The Virgo large research infrastructure" (*Under Review*)
3. Castelnovo P., Ciò S., Giffoni F. and Landoni M. (2023). "Public Procurement for the new space economy" in D'Costa A., "Oxford Handbook on New Space Economy" (*Submitted*)

Working papers and work in progress:

1. Castelnovo P., Florio M. and Lupi V. "The impact of satellite data use on Italian economy" (*in progress*)
2. Castelnovo P. and Rentocchini F. "The impact of public procurement on firms' innovation output: a treatment evaluation approach" (*in progress*)
3. Castelnovo P., Scalia T. and Zirulia L. "Technological spillovers from the space industry" (*in progress*)
4. Carrazza S., Castelnovo P., Catalano J. and Florio M. (2019). "Assessing the value of CERN's free and open-source software: the case of ROOT". Study of the socio-economic impact of CERN HL-LHC and FCC-HH, CERN Technical Report (*Mimeo*)
5. Bastianin, A., Castelnovo P., M. Florio, (2017). "The empirics of regulatory reforms proxied by categorical variables: recent findings and methodological issues". FEEM Working Paper No. 22.2017.
6. Castelnovo P. (2014). "Intergenerational Transmission of BMI and Obesity: Evidence from the British Cohort Study" (*Mimeo, PhD thesis extract*).
7. Castelnovo P. (2014). "Short and Long-run Effects of Obesity on Cognitive Skills: Evidence from an English Cohort" (*Mimeo, PhD thesis extract*).

Participation into national and international research projects

1. "The Role and Impact of Labour Taxation Policies", European Commission, DG Employment, Project N° VT/2009/037 (April 2009 - September 2010)
2. "Ageing and Labour Market Participation" (P.R.I.N. 2011) (December 2013 - May 2015)
3. "Cost-Benefit Analysis of LHC". Project funded and coordinated by Università degli Studi di Milano and the European Organization for Nuclear Research, CERN (June 2015 - June 2017)
4. "Cost-Benefit Analysis of public policies in the space industry". Project funded and coordinated by Università degli Studi di Milano and Agenzia Spaziale Italiana, ASI (June 2017 - Today)
5. "ProPla: proteins from plastics". Cariplo Project: "Circular Economy - Promoting research for a sustainable future" (December 2022 - Today)
6. "Trash to Treasure: la blockchain che genera valore dagli scarti industriali", Spoke n.2 NODES (Nord Ovest Digitale e Sostenibile) – Green Technologies e Industria Sostenibile (November 2023 – Today)
7. "Raw Materials for the Energy Transition (RAMET)", Fondazione ENI Enrico Mattei (January 2024 – Today).

Third mission activities

1. Involvement in the project "Piano di Governo del Territorio (PGT)" for the Municipality of Varese (September 2023 – Today)
2. Involvement in the project "Green School Italia". Project funded and coordinated by AICS (Italian Association for Cooperation and Development) (October 2022 – Today)

Rewieiving activity

Annals of Public and Cooperative Economics; Economic Change and Restructuring; Economics and Business Letters; Industry and Innovation; International Journal of Public Sector Management; Journal of Economic Policy Reform; Regional Studies; Research Evaluation; Research Policy; Structural Change and Economic Dynamics; Utilities Policy.

National Scientific Qualification (ASN) as Associate Professor

Scienza delle Finanze (SECS-P03); Economia Applicata (SECS-P06)

Other scientific positions

2022-Today: Member of the faculty board of the Ph.D. programme "Methods and Models for Economic Decisions", Department of Economics, University of Insubria.

2021: Member of the scientific committee of the "XIX Milan European Economy Workshop State-Owned Enterprises and Innovation in Public Services in a Post-Pandemic World."

Main oral presentations at conferences and workshops

1. "The impact of innovative public procurement on technological entry and innovation persistence: evidence from CERN", 1st NetCIEx Workshop, European Commission's Joint Research Centre (JRC), Ispra, 2023.
2. "The impact of innovative public procurement on technological entry and innovation persistence: evidence from CERN", 64th Annual Conference of the Italian Society of Economics (SIE), Gran Sasso Science Institute, L'Aquila, 2023.
3. "Public procurement in the space economy: an empirical analysis of the Italian case", 4th European Conference of the Society for Benefit Cost Analysis, Milan, 2023.
4. "L'impatto del procurement spaziale sulla performance economica e la capacità innovativa delle imprese della filiera". Virtual Conference: "The socio-economic impact of public policies in the Italian space industry", organized by the Italian Space Agency and the University of Milan, Jean Monnet Centre of Excellence, 2021.
5. "The economic impact of the space economy in Italy: a framework for empirical analysis", XXXII Annual Conference of the Italian Society of Public Economics, Milan, 2020

6. "The economic impact of technological procurement in the upstream space industry: Evidence from the Italian Space Agency", XVIII Milan European Economy Workshop, Milan, 2020.
7. "Innovative procurement and patents at the frontier of high energy physics", XVII SIEPI Workshop, Rome, 2019.
8. "Evaluating the economic impact of procurement on CERN supply chain", XVI Milan European Economy Workshop, Milan, 2017.
9. "Price data for services of general interest", EUsers Summer School - Performance and Governance of Services of General Interest: critical perspectives on Energy, Telecommunications, Transport, and Water Reforms in the EU, Milan, 2016.
10. "May fat damage brain? The effect of obesity on cognitive ability", IV Health Econometrics Workshop, Padua, 2014.
11. "Short and Long-run Effects of Obesity on Cognitive Skills: Evidence from an English Cohort" AIEL – XXVIII National Conference of Labour Economics, Rome, 2013.

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Advanced	C1	Advanced	C1	Advanced	C1	Advanced	C1	Advanced

(*) [Common European Framework of Reference for Languages](#)

Computer skills and competences

Stata: very good

Genie: good

Microsoft office: very good (Certified Computer Licence, April 2006)

Kaltura Capture: good

Paolo Corbelli