

# Catarina Peralta

catarina.peralta@cmcc.it | [catarina.peralta.almeida@gmail.com](mailto:catarina.peralta.almeida@gmail.com)  
Milan, Italy

## RESEARCH INTERESTS

- Economic modeling, theory, and dynamics; Economics of Digitalization; Climate Economics; Population dynamics.

## EDUCATION

### PhD, Economics 09/2024

University of Porto, Portugal

- Supervisor: Pedro Mazedo Gil
- Dissertation title: Automation and Demographic change: implications for climate change and economic growth.

### MSc, Economics 07/2018

University of Porto, Portugal

- Supervisor: Pedro Mazedo Gil
- Dissertation title: Equivalence of economic models under different time representations.

### BS, Economics 01/2016

University of Aveiro, Portugal

## RESEARCH AND TEACHING EXPERIENCE

### Postdoctoral Researcher 06/2024-Present

European Institute on Economics and the Environment (RFF-CMCC), Italy

- 2D4D - Disruptive Digitalization for Decarbonization.

### Scientific Trainee 10/2023-02/2024

Joint Research Centre (JRC), Italy

- Digital Economy Unit;
- Supervisor: Néstor Duch Brown.

### Visiting Researcher 09/2022-02/2023

WU (Vienna University of Economics and Business), Austria

- Collaboration with Professor Klaus Prettnner.

### Teaching Assistant 02/2022-07/2022

University of Porto, Portugal

- Macroeconomics II | BSc in Business Administration

## JOURNAL ARTICLES

### Published papers

- Afonso, O. & Almeida, C. & Vasconcelos, P., 2020. "The labour-share decrease and the technological-knowledge increase," Applied Economics Letters, vol. 27(12), pp. 982-986.

## Working Papers

- Peralta, C. & Prettner, K., 2024. "Population dynamics and Emissions", CEF.UP Working Papers, Universidade do Porto, Faculdade de Economia do Porto.
- Peralta, C. & Gil, P., 2024. "The new Robotic Era and Climate Change: a policy analysis", CEF.UP Working Papers, Universidade do Porto, Faculdade de Economia do Porto.
- Peralta, C. & Gil, P., 2021. "Automation, Education, and Population: Dynamic Effects in an OLG Growth and Fertility Model," CEF.UP Working Papers 2102, Universidade do Porto, Faculdade de Economia do Porto.

## SCHOLARSHIPS

- FCT PhD Research Scholarship SFRH/BD/144630/2019

## CONFERENCES

- JRC Economics of Climate Change, Energy and Transport Unit Seminars 2024
- University of Bolonha Seminars, **Online** 2023
- 44th Annual Meeting of the Association of Southern European Economic Theorists (ASSET), **Lisbon** 2023
- Vienna University of Economics and Business, Macro Seminars, **Vienna** 2023
- CORA – Conference on Robots and Automation, **Frankfurt** 2022
- 15<sup>th</sup> Annual Meeting of the Portuguese Economic Journal, **Azores** 2022
- 8<sup>th</sup> Euro-African Conference on Finance and Economics, **Porto** 2022
- 15<sup>th</sup> RGS Doctoral Conference in Economics, **online** 2022

## SUMMER SCHOOLS

- Climate Change | Tinbergen Institute Amsterdam, Netherlands 2023
- Climate Change - The social cost of carbon, impacts, risk, and adaptation policies | Paris School of Economics, France 2022

## SKILLS

- Languages: Portuguese, English, Spanish;
- MATLAB, Mathematica, STATA, R, GAMS.