Personal

Name, Surname: Francesco Carbonero
Nationality: Italian
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Experience

2020 **Postdoctoral Fellow**, UNIVERSITY OF TURIN AND FELLOW AT UNIVERSITY OF GLASGOW.
Department of Economics and Statistics (Unito), Department of Business Economics (Glasgow)
Projects:
- The role of digitalization in the manufacturing sector.
- Macroeconomic anxiety: a machine learning approach to assess the impact of policy communications.

2019 **Postdoctoral Fellow**, UNIVERSITY OF TURIN, *Turin (Italy)*.
Department of Economics and Statistics (ESOMAS)
Project: The impact of gender quota on exports and risk
Participation in conferences: SIEPI 2020
Teaching: Macroeconomics, Labour Economics

2018 - present **Research Consultant**, INTERNATIONAL LABOUR OFFICE, *Geneva (Switzerland)*.
Collaborations:
- 2020 Research Department. Mapping artificial intelligence scores at the occupational level.
- 2020 ILO Bangkok. Artificial Intelligence in the Philippines.
- 2018 International Training Center of the ILO - Employment Policy and Analysis Programme. Project: Youth employment in the BRICSs.
- 2018 Research Department. Project: Future of Work, robot and employment worldwide.

2019 **Teaching assitant**, UNIVERSITY OF TURIN AND ITCILO, *Turin (Italy)*.
Master in Applied Labour Economics for Development
Courses: Macroeconomics, Labour economics, Labour market and institutions.

| 2015–2018 | **Research Assistant**, INSTITUTE FOR EMPLOYMENT RESEARCH (IAB), *Nuremberg (Germany).* |

Forecasts and Macroeconomic Analyses Team.
Projects:
- Inspecting the Relation of Search Costs and Search Duration for New Hires, with Hermann Gartner (submitted to Macroeconomic Dynamics)
- The Fall of the Labor Income Share: the Role of Technology and Labor Market Imperfections, with Christian Offermanns and Enzo Weber (IAB Discussion Paper - soon submitted to European Economic Review)
- Mismatched? Keep Calm and Take a Bargaining, with Benjamin Lochner. Employer-employee dataset of the German Federal Employment Agency.

Teaching assistance: Quantitative Econometrics II, University of Regensburg (Tutorial)

| 2013–2014 | **Associate Consultant**, ERNST&YOUNG, *Turin (Italy).* |

IT Risk and Assurance Team.
Customers: IVECO, Lear, Trw, Erg.

Education

| 2015–2019 | **PhD in Economics**, *Institute for Employment Research (IAB), University of Regensburg, Germany.* |

Supervisors: Prof. Enzo Weber, Prof. Christian Merkl. Held presentations:
- Tasks V, Bonn (DE), 2018
- EALE, San Gallen (CH), 2017
- Society of Labor Economists, Raleigh (USA), 2017
- Scottish Economic Society Annual Conference, Perth (UK), 2017
- 7th Ifo Dresden Workshop on Labor Economics and Social Policy, Dresden (DE), 2017
- 10th RGS Doctoral Conference in Economics, Dortmund (DE), 2017
- IV TASK Conference, Mannheim (DE) 2016

| 2010–2013 | **M.A. in Economics**, *University of Turin*, Turin, Italy, *110 Cum Laude*. |

| 2007–2010 | **B.A. in Economics and Trade**, *University of Turin*, Turin, Italy. |

Skills

Data management and estimation	Stata, Eviews, Matlab (basic)
Descriptives and presentations	Excel, Word, PowerPoint, Latex
Languages	Italian (Mothertongue), English (Fluent), French (Intermediate), German (Intermediate)
Work attitudes	Positive mood, stimulated by challenges, full effort, flexibility, network builder

Publications

Carbonero, F., Gartner, H., 2020. A Note on the Relation of Search Cost and Search Duration for New Hires. Macroeconomic Dynamics, DOI: https://doi.org/10.1017/S136510052000005X.

Bertulfo J. D., Carbonero, F. 2020. The Future of Work in the Philippines Assessing the impact of technological changes on occupations and sectors. ILO Country Office for the Philippines (forthcoming).

Carbonero, F., Devicienti, F., Manello, A., and Vannoni, D. 2020. Risk Aversion of Women? Not Through Exports. Unito Department of Economics and Statistics Working Paper Series (forthcoming).

Carbonero, F., Ernst, E., Weber, E. 2018. Robots worldwide: The impact of automation on employment and trade, Research Department Working Paper, no. 36 (Geneva, International Labour Office). New Version as IAB-Discussion Paper 7|2020.

Carbonero, F., Offermanns, C. J., Weber, E., 2017. The fall of the Labour Income Share: the Role of Technological Change and Imperfect Labour Markets. IAB-Discussion Paper 28/2017. (Revise and Resubmit at Review of Economic Dynamics).

Technical advice
Ernst, E., Merola, R., Samaan, D., 2018. The economics of artificial intelligence: Implications for the future of work. ILO Future of Work Research Paper Series No. 5.

ILO. (2019). Work for a brighter future. Geneva: Global Commission on the Future of Work.