

# Antonio De Marco

## *Curriculum Vitae*

### Personal info

Address	<b>Department of Management and Production Engineering</b> , <i>Politecnico di Torino</i> C.so Duca degli Abruzzi 24, Torino, Italy
E-mail	antonio.demarco@polito.it
Web	is.polito.it/people/antonio-de-marco
Phone	+39 011 0907598
ORCID	0000-0001-8623-1069

### Short bio

Antonio De Marco is Assistant Professor at the Department of Management and Production Engineering (DIGEP) of Politecnico di Torino, holds a Ph.D. in Economics and Complexity at Collegio Carlo Alberto and a M.Sc. in Management Engineering at Politecnico di Torino. In the last few years, he has been involved as Research Assistant in a number of projects funded by the European Commission, gaining an in-depth knowledge of advanced methodologies for patent data mining and technology intelligence.

His scientific works have been published in refereed international journals and cover several themes related to the Markets for Technology (MFT) and Intellectual Property Rights (IPR), Standard-Essential Patents (SEP), Economics of Knowledge, Innovation, and New Technology. Such topics are investigated with an empirical perspective and by means of micro-econometric techniques.

### Work experience

2018–2021	<b>Assistant Professor</b> , <i>Department of Management and Production Engineering (DIGEP) and Future Urban Legacy Lab (FULL), Politecnico di Torino</i>
2017–2018	<b>Post-doctoral Research Fellow</b> , <i>Department of Management and Production Engineering and Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino</i>
2015–2016	<b>Visiting Fellow</b> , <i>Institute of Technology and Public Policy (ITPP), École Polytechnique Fédérale de Lausanne</i>
2012–2017	<b>Research Fellow</b> , <i>Department of Management and Production Engineering (DIGEP) and Research Support and Technology Transfer Area (TRIN), Politecnico di Torino</i>
2013–2014	<b>Research Assistant</b> , <i>Collegio Carlo Alberto</i>
2012–2019	<b>Tutor</b> , <i>Alta Scuola Politecnica</i>

### Education

2013–2017	<b>Vilfredo Pareto Doctorate in Economics and Complexity</b> , <i>Collegio Carlo Alberto</i>
2007–2012	<b>Master's Degree in Management Engineering</b> , <i>Politecnico di Torino</i>

## Teaching

- 2019–2020 | **Economics and Business Organization**, *Politecnico di Torino*  
2018–2020 | **Urban Economics**, *Politecnico di Torino*

## Research projects

- 2018–2020 | **University research funding, patenting and technological impact**, *European Patent Office*  
2018–2019 | **Investigating the capabilities and the competitiveness of the EU vis-à-vis its main competitors in developing civil technologies with critical spillovers to the defence sector**, *Joint Research Center, European Commission*  
2017–2018 | **Assessing the innovation capability of EU companies in developing dual-use technologies**, *Joint Research Center, European Commission*  
2015–2016 | **An analysis of the role and engagement of universities with regard to participation in the Framework Programmes**, *Directorate General for Research and Innovation, European Commission*  
2012–2016 | **Intellectual Property Lab**, *Finmeccanica*

## Conferences

- 2018 | **ERSA Congress on Places for People: Innovative, Inclusive and liveable Regions**, *European Regional Science Association*, Cork, Ireland  
**Schumpeter Conference on Innovation, Catch-up, and Sustainable Development**, *International Joseph Alois Schumpeter Society*, Seoul, South Korea  
2016 | **Meeting of the European Network on the Economics of the Firm**, *Università di Torino and Collegio Carlo Alberto*, Moncalieri, Italy  
**Schumpeter Conference on Evolutionary Economics**, *International Joseph Alois Schumpeter Society*, Montréal, Canada  
2015 | **International CINET Conference on Innovation Leadership**, *Royal Institute of Technology*, Stockholm, Sweden  
**FINKT Conference on Knowledge transfer and Entrepreneurship**, *Università di Bologna and Università Commerciale Luigi Bocconi*, Rimini, Italy  
2013 | **ZEW-MACCI Conference on the Economics of Innovation and Patenting**, *Centre for European Economic Research*, Mannheim, Germany  
**T2S Conference on Technology Transfer, Entrepreneurial Activity and Regional Competitiveness**, *Technology Transfer Society*, Bergamo, Italy

## Training courses

- 2018 | **Introduction to Spatial Econometrics using Stata**, Tstat, Roma, Italy  
2014 | **Introductory Econometrics**, *Centro Interuniversitario di Econometria*, Bertinoro, Italy  
2013 | **Economics and Strategic Management of Intellectual Property**, *Università di Bologna and Università Commerciale Luigi Bocconi*, Bologna, Italy  
**Knowledge Dynamics, Industry Evolution and Economic Development**, *Université de Nice Sophia Antipolis and Centre National de la Recherche Scientifique*, Nice, France

## Awards

2018 | **Bernardo Nobile Prize**, *Area Science Park*

## Scientific publications

- 2020 | Caviggioli, F., De Marco, A., Montobbio, F., and Ughetto, E. The licensing and selling of inventions by US universities. *Technological Forecasting and Social Change*, 159
- Colombelli, A., De Marco, A., Paolucci, E., Ricci, R., and Scellato, G. University technology transfer and the evolution of regional specialization: the case of Turin. *The Journal of Technology Transfer*
- Caviggioli, F., Colombelli, A., De Marco, A., and Paolucci, E. How venture capitalists evaluate young innovative company patent portfolios: empirical evidence from Europe. *International Journal of Entrepreneurial Behavior & Research*, 26(4):695–721
- 2017 | De Marco, A., Scellato, G., Ughetto, E., and Caviggioli, F. Global markets for technology: evidence from patent transactions. *Research Policy*, 46(9):1644–1654
- Caviggioli, F., De Marco, A., Scellato, G., and Ughetto, E. Corporate strategies for technology acquisition: evidence from patent transactions. *Management Decision*, 55(6):1163–1181
- 2016 | Caviggioli, F., De Marco, A., Rogo, F., and Scellato, G. Patenting strategies and characteristics of declared inventions in the Long Term Evolution standard. *R&D Management*, 46(S2):664–676

## Reports

- 2016 | Ughetto, E. An analysis of the role and engagement of universities with regard to participation in the Framework Programmes.
- De Marco, A., Loccisano, S., and Scellato, G. Trasferimento tecnologico ed attività di ricerca collaborativa nell’ambito dei progetti europei. In Ramaciotti, L. and Daniele, C., editors, *XIII Rapporto Netval sulla Valorizzazione della Ricerca Pubblica Italiana*
- 2015 | De Marco, A., Loccisano, S., and Scellato, G. L’attività brevettuale degli atenei italiani: analisi delle collaborazioni e della specializzazione tecnologica. In Ramaciotti, L. and Daniele, C., editors, *XII Rapporto Netval sulla Valorizzazione della Ricerca Pubblica Italiana*

## Working papers

- 2020 | Buzzacchi, L., De Marco, A., and Pagnini, M. Agglomeration and the italian north-south divide.
- Buzzacchi, L., De Marco, A., Governa, F., and Salone, C. Shifting the triangle: density and economic performances into the spatial differentiation of northern italy.
- Caviggioli, F., Colombelli, A., De Marco, A., Scellato, G., and Ughetto, E. University patenting and the technological specialisation of innovation activities in the European regions.
- Caviggioli, F., De Marco, A., Gkotsis, P., Scellato, G., and Vezzani, A. Dual use inventions: identification and characterization using patent data.
- Battaglia, D., Caviggioli, F., and De Marco, A. Global versus local star inventors: human capital and firm innovation activities.