

Christophe Feder, PhD.

Teaching experience

Sept. 2017 – current	Teaching, Università della Valle d'Aosta/Université de la Vallée d'Aoste. Regional Economics
Sept. 2017 – current	Teaching, Università della Valle d'Aosta/Université de la Vallée d'Aoste. Macroeconomics
Sept. 2012 – current	Teaching Assistant, Università della Valle d'Aosta/Université de la Vallée d'Aoste. Microeconomics
Sept. 2015 – Sept. 2017	Teaching Assistant, Università degli Studi di Torino. Macroeconomics
Mar. 2014 – Sept. 2017	Teaching Assistant, Politecnico di Milano. Principles of Economics
Apr. 2013 – July 2013	Teaching, Università della Valle d'Aosta/Université de la Vallée d'Aoste. Economics of Innovation [A Module of Industrial Organization]
Sept. 2012 – Dec. 2012	Teaching Assistant, Università della Valle d'Aosta/Université de la Vallée d'Aoste. Macroeconomics

Education

Jan. 2013 – Nov. 2015	Università degli Studi di Torino and Collegio Carlo Alberto, PhD in Economics & Complexity (Supervisor: Prof. Cristiano Antonelli).
May 2014	The Centre for European Economic Research (ZEW), Summer School in Competition and Innovation. Dalaman, Turkey.
July 2013	Université Nice Sophia Antipolis, Summer School in Knowledge Dynamics, Industry Evolution, Economic Development. Nice, France.
Sept. 2011 – Sept. 2012	Toulouse School of Economics, M.A. in ECOMATH - Economie mathématique et économétrie (Supervisor: Prof. Karine Van Der Straeten).
Aug. 2010 – June 2011	Collegio Carlo Alberto, M.A. in Economics.
Sept. 2008 – Mar. 2011	Università degli Studi di Torino, Advanced undergraduate degree (110/110 cum laude) in Economics (Supervisor: Prof. Silvia Pasqua).
Sept. 2005 – Nov. 2008	Università della Valle d'Aosta/Université de la Vallée d'Aoste, Undergraduate degree (110/110 cum laude) in Business Administration (Supervisor: Prof. Marco Alderighi).

Visiting

From November 2014 to March 2015	University of California: Irvine, Visiting researcher (Supervisor: Prof. Jan Brueckner).
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Personal skills and competences

Very good knowledge of French and English.

Good computer skills of Microsoft Office, STATA, LaTeX, Mathematica, Python, NetLogo, SPSS, Scientific WorkPlace, and MATLAB.

Other professional activities

I currently collaborate for activity of research with the University of Turin, the University of Aosta Valley and BRICK (Collegio Carlo Alberto).

Referee for: Regional Studies and Druid conference.

Research interests

Economics of Innovation, New Institutional Economies, Regional Economics.

Publications

Articles

- [1] "Directed Technological Change and Productivity Growth. The Italian Evidence 1861–2010", 2017. *International Journal of Computational Economics and Econometrics* 7(3):238–255 (with C. Antonelli, and F. Barbiellini Amidei).
- [2] "The Effects of Disruptive Innovations on Productivity", 2018. *Technological Forecasting & Social Change* 126(C):186–93.
- [3] "A Measure of Total Factor Productivity with Biased Technological Change", 2018. *Economics of Innovation and New Technology* 27(3):243–253.
- [4] "Decentralization and Spillovers: A New Role for Transportation Infrastructures", 2018. *Economics of Transportation - Special Issue "The Political Economy of Transport Decisions"* 13(C):36–47.
- [5] "Effects of Fiscal Consolidation of Regional Economic Resilience: Institutional Design Matters?", 2018. *Regional Science Inquiry* 10(1):37–45.
- [6] "Smart Specialization Strategy and Directed Technological Change", 2018. *Economics Bulletin* 38(3):1428–1437.
- [7] "Biased and Neutral Technological Change: Empirical Evidence from a Sample of OECD Countries", Forthcoming. *Applied Economics Letters*.
- [8] "The New Direction of Induced Technological Change in the Global Economy", Forthcoming. *Socio-Economic Review* (with C. Antonelli).

Other published papers

- [1] "Political Competition, Power Allocation and Welfare in Unitary and Federal Systems", 2014. The Rimini Centre for Economic Analysis. Working paper series. The Rimini Centre for Economic Analysis (with M. Alderighi).
- [2] "Biased Technological Change: A Contribution to The Debate", 2014. LEI&BRICK Working Paper, Dipartimento di Economia e Statistica "Cognetti De Martiis", University of Turin. Working Paper 4/2014.
- [3] "Biased Technological Change, Federalism and Regional Growth". Ph.D. Thesis, Forthcoming.
- [4] "A Measure of Total Factor Productivity with Biased Technological Change", 2016. Conference Proceedings 20th Druid Conference 2016. 20th Druid Conference 2016, Copenhagen.

[5] "Biased Technological Change, Heterogeneity and Spillovers: Assessing Fiscal Decentralization Through a Theoretical Model", 2017. LEI&BRICK Working Paper, Dipartimento di Economia e Statistica "Cognetti de Martiis", University of Turin. Working Paper 3/2017 (with R. Kataishi).

[6] "Snobby Markets and Technology Adoption", 2017. Conference Proceedings 21th Druid Conference 2017. 21th Druid Conference 2017, New York (with M. Alderighi).

[7] "Directed Technological Change and Technological Congruence: A New Framework for the Smart Specialization Strategy", 2018. Department of Economics and Statistics Cognetti de Martiis. Working Papers 201805, University of Turin. (with C. Antonelli, and F. Quatraro).

[8] "Smart Specialization Strategies and Universities: Searching for New Theoretical Foundations", 2018. In: Caseiro N., Santos D., Smart Specialization Strategies and the Role of Entrepreneurial Universities. Advances in Business Strategy and Competitive Advantage Book Series, p. 31–59, ISBN: 9781522561521, ISSN: 2327-3429, doi: 10.4018/978-1-5225-6152-1.ch002

Discussion papers

[1] "Institutional Design, Political Competition and Spillovers: What is Going Wrong in the European Union?". Revise and resubmit, *Regional Science and Urban Economics* (with M. Alderighi).

[2] "Total Factor Productivity, Catch-up and Technological Congruence in Italy, 1861-2010". Submit, *Journal of Evolutionary Economics* (with C. Antonelli).

[3] "The New Direction of Induced Technological Change in the Global Economy". Submit, *Structural Change and Economic Dynamics* (with C. Antonelli).

Working in progress

[1] "Innovation as a Creative Response and the Localized Introduction of Directed Technological Change" (with C. Antonelli).

[2] "Biased Technological Change and Total Factor Productivity: The Case of Latin America" (with C. Antonelli, and R. Kataishi).

[3] "A Note on Finding "Lost" Profits: An Equilibrium Analysis of Patent Infringement Damages" (with M. Alderighi).

[4] "Green and Biased Technological Change" (with G. Marin, G. Orsatti, and A. Palma).

[5] "The Cyclicity of R&D Investments: New Evidence from Spanish Firms" (with S. Bianchini, and G. Pellegrino).

[6] "Tullock Game: The Optimal Timing of Patents".

[7] "Happiness and Total Factor Productivity: A New Measure" (with M. Tubiana).

[8] "Local Development, Value Chains and Demand Proling: Assessing Key Elements of the Mountain Tourism Industry" (with R. Kataishi).

[9] "Snobby Markets and Technology Adoption" (with M. Alderighi).

[10] "Simple Pricing Rule for One-way Airline Tickets: Empirical Evidence" (with M. Alderighi and E. I. Ungureanu).

[11] "Directed Technological Change and Technological Congruence: A New Framework for the Smart Specialization Strategy". with C. Antonelli, and F. Quatraro.

Presentations (selection)

- International Schumpeter Society Conference, 2018, Seoul;
- 21th Druid Conference, 2017, New York;
- Italian Society and Economic Crisis: 1929-2016, ISTAT (Italian National Statistics Institute) Conference, 2016, Rome;
- First SMARTER Conference on Smart Specialisation & Territorial Development, 2016, Seville;
- EURKIND Governance of a Complex World 2016 Conference, 2016, Valencia;
- 20th Druid Conference, 2016, Copenhagen;
- Regional Studies Association (RSA) Annual Conference, 2016, Graz;
- 17th SIET Conference, 2015, Milan;
- 13th Annual International Industrial Organization Conference, 2015, Boston;
- Competition and Innovation, 2014, Dalaman;
- Knowledge Dynamics, Industry Evolution, Economic Development, 2013, Nice.