



Andrea Bastianin

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Address: Via Conservatorio, 7, 20122, Milan, Italy (Work)

● WORK EXPERIENCE

01/02/2023 – CURRENT Italy

ASSOCIATE PROFESSOR OF ECONOMIC POLICY (RTD-B) DEPARTMENT OF ECONOMICS, MANAGEMENT, AND QUANTITATIVE METHODS - UNIVERSITY OF MILAN

05/2022 – CURRENT Milan, Italy

SENIOR RESEARCHER FONDAZIONE ENI ENRICO MATTEI

Research on raw materials for energy transition

31/01/2019 – 31/01/2023 Milan, Italy

TENURE-TRACK ASSISTANT PROFESSOR OF ECONOMIC POLICY (RTD-B) DEPARTMENT OF ECONOMICS, MANAGEMENT, AND QUANTITATIVE METHODS - UNIVERSITY OF MILAN

31/10/2018 – 30/01/2020 Milan, Italy

ASSISTANT PROFESSOR OF ECONOMETRICS (RTD-A) DEPARTMENT OF ECONOMICS, MANAGEMENT AND STATISTICS - UNIVERSITY OF MILAN-BICOCCA

30/09/2016 – 30/10/2018 Milan, Italy

POST-DOC FELLOW UNIVERSITY OF MILAN

Project Title: *Study of the socio-economic impact of CERN HL-LHC and FCC-HH* (Collaboration Agreement between University of Milan and CERN)

12/2013 – 11/2015 Milan, Italy

POST-DOC FELLOW UNIVERSITY OF MILAN

Project Title: *Climate change in the Mediterranean area: scenarios, economic impacts, mitigation policies and technological innovation* (PRIN 2010-2011, prot. n. 2010S2LHSE-001)

10/2010 – 11/2015 Milan, Italy

ASSOCIATE RESEARCHER FONDAZIONE ENI ENRICO MATTEI

Project Title: *Financial speculation and the price of energy commodities*

12/2009 – 12/2013 Milan, Italy

POST-DOC FELLOW UNIVERSITY OF MILAN - BICOCCA

Project Title: *Measuring and forecasting financial volatility* (Dote Ricercatori: FSE, Regione Lombardia)

12/2007 – 12/2009 Milan

RESEARCHER FONDAZIONE ENI ENRICO MATTEI

Projects: (i) *CHINA: China's energy management policies and measures and their international comparison* (ii) *Finance and climate*.

● **EDUCATION AND TRAINING**

08/2004 – 02/2009 Milan, Italy

PHD IN ECONOMICS University of Milan

Address Milan, Italy

08/2005 – 06/2006 York, United Kingdom

VISITING PH.D STUDENT University of York

Address York, United Kingdom

06/2004 Milan, Italy

B.SC. IN POLITICAL SCIENCES University of Milan

Address Milan, Italy

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B2	C1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Matlab | EViews | Stata | Latex | Microsoft Office

● **ADDITIONAL INFORMATION**

NATIONAL SCIENTIFIC QUALIFICATION (ABILITAZIONE SCIENTIFICA NAZIONALE)

18/11/2020 – CURRENT

Political Economy (13/A2) - Associate Professor

31/05/2021 – CURRENT

Econometrics (13/A5) - Associate Professor

12/07/2020 – CURRENT

Economic statistics (13/D2) - Associate Professor

07/07/2020 – CURRENT

Applied Economics (13/A4) - Associate Professor

RESEARCH INTERESTS

Applied econometrics, Energy and environmental economics

PUBLICATIONS

Journal articles (peer-reviewed)

1. Bastianin, A. and Del Bo, C., Giffoni, F. and Florio, M., (2022) "Projecting the socio-economic impact of a big science center: the world's largest particle accelerator at CERN", *Applied Economics*, forthcoming
2. Bastianin, A. and Del Bo, C. (2021) "Public procurement in Big Science: politics or technology? The case of CERN", *Industrial and Corporate Change*, 30(3), 740-761
3. Bastianin, A., Castelnovo, P., Florio, M. and Giunta, A. (2021). "Big Science and Innovation. Gestation Lag from Procurement to Patents for CERN Suppliers", *Journal of Technology Transfer*, 47, 531-555
4. Bastianin, A. and Manera, M. (2021) "A test of symmetry based on L-moments with an application to the business cycles of the G7 economies", *Economic Letters*, 198
5. Bastianin, A. (2020). "Robust measures of skewness and kurtosis for macroeconomic and financial time series", *Applied Economics*, 52(7).
6. Bacchiocchi, E., Bastianin, A., Missale, A. and Rossi, E. (2020) "Structural analysis with mixed-frequency data: A model of US capital flows", *Economic Modelling*, 89, 427-443
7. Bastianin, A., Galeotti, M., Polo, M. (2019). "Convergence of European natural gas prices", *Energy Economics*, 81, 793-811
8. Bastianin, A., Galeotti, M. and Manera, M. (2019). "Statistical and Economic Evaluation of Time Series Models for Forecasting Arrivals at Call Centers", *Empirical Economics*, 57, 923-955
9. Bastianin, A. and Manera, M. (2018). "How does stock market volatility react to oil shocks?", *Macroeconomic Dynamics*, 22(3), 666-682.
10. Bastianin, A., Lanza, A. and Manera, M. (2018). "Economic impacts of El Niño Southern Oscillation: evidence from the Colombian coffee market", *Agricultural Economics*, 49(5), 623-633
11. Bastianin, A., Castelnovo, P. and Florio M. (2018) "Evaluating regulatory reform of network industries: a survey of empirical models based on categorical proxies", *Utilities Policy*, 55, 115-128
12. Bastianin, A., Castelnovo, P. and Florio, M. (2018). "The socio-economic impact of a breakthrough in the particle accelerators' technology: a research agenda", *Nuclear Instruments and Methods in Physics Research Section A*, 909, 21-26.
13. Bastianin, A., Galeotti, M. and Manera, M. (2017). "Oil supply shocks and economic growth in the Mediterranean", *Energy Policy*, 110, 167-175
14. Bastianin, A., Conti, F. and Manera, M. (2016). "The impacts of oil price shocks on stock market volatility: evidence from the G7 countries", *Energy Policy*, 98, 160-169.
15. Bastianin, A., Galeotti, M. and Manera, M. (2016). "Ethanol and field crops: is there a price connection?", *Food Policy*, 63, 53-61.
16. Bastianin, A., Galeotti, M. and Manera, M. (2014). "Forecasting the oil-gasoline price relationship: do asymmetries help?", *Energy Economics*, 46, Supplement 1, S44-S56.
17. Bastianin, A., Galeotti, M. and Manera, M. (2014). "Causality and predictability in distribution: the ethanol-food price relation revisited", *Energy Economics*, 42, 152-160.

In Books

1. Bastianin, A. (2020). "Findings from the LHC/HL-LHC Programme", pp. 71-77 in Beck, H. P. and Charitos, P. (eds.), "The Economics of Big Science: Essays by Leading Scientists and Policymakers", Springer. [DOI: 10.1007/978-3-030-52391-6_10]
2. Bastianin, A., Manera, M., Markandya, A. and Scarpa, E. (2014). "Evaluating the Empirical Performance of Alternative Econometric Models for Oil Price Forecasting", pp. 157-181 in Ramos, S. and Vega, H. (eds.), "The interrelationship between financial and energy markets", Springer. [DOI: 10.1007/978-3-642-55382-0]
3. Bastianin, A., Bigano, A., Cattaneo, C., Cassinelli, M., Cologni, A., Manera, M., Marazzi, L., Markandya, A., Pierfederici, R., Plotegher, M., and Sferra, M. (2017). "Energy Governance, Institutions and Policies in the EU", in Manera, M. (ed.), "Energy governance, institutions and policies in China and the EU", FEEM Press, Milano (ISBN: 9788894170146).

Other Publications

1. Abada, A. et al. (2019) "FCC Physics Opportunities - Future Circular Collider Conceptual Design Report Volume 1" *The European Physical Journal C*, 79(474) [DOI: 10.1140/epjc/s10052-019-6904-3]
2. Abada, A. et al. (2019) "FCC-ee: The Lepton Collider - Future Circular Collider Conceptual Design Report Volume 2" *The European Physical Journal Special Topics*, 228(2), 261-623 [DOI: 10.1140/epjst/e2019-900045-4]
3. Abada, A. et al. (2019) "FCC-hh: The Hadron Collider - Future Circular Collider Conceptual Design Report Volume 3" *The European Physical Journal Special Topics*, 228(4), 775-1107 [DOI: 10.1140/epjst/e2019-900087-0]

4. Abada, A. et al. (2019) "HE-LHC: The High-Energy Large Hadron Collider - Future Circular Collider Conceptual Design Report Volume 4" The European Physical Journal Special Topics, 228(5), 1109-1382 [DOI: 10.1140/epjst/e2019-900088-6]
5. Bastianin, A. and Florio, M. (2019). "Initial guidelines for a social cost-benefit analysis of the FCC programme", CERN Technical Report, CERN-ACC-2019-0037.
6. Bastianin, A., Florio, M., Giffoni, F. (2018) "LHC upgrade brings benefits beyond physics", CERN Courier, 58(7), 51-58.
7. Bastianin, A. and Florio, M. (2018). "Industrial Spillovers from the LHC/HL-LHC Programme at CERN", CERN Technical Report, CERN-ACC-2018-0026.
8. Bastianin, A. and Florio, M. (2018). "Social Cost Benefit Analysis of HL-LHC", CERN Technical Report, CERN-ACC-2018-0014.
9. Bastianin, A. and Manera M. (2015). "Oil and macroeconomic uncertainty", Review of Environment, Energy and Economics (Re3), June 2015. (ISSN: 2279-7300; DOI: 10.7711/feemre3.2015.06.003)
10. Bastianin, A., Bashiri, N., Bortolussi, E., Conti F., Manera M., Nicolini, M. (2015). "Current issues on the price of oil: decline, forecasting, volatility and uncertainty", Review of Environment, Energy and Economics (Re3), (ISSN: 2279-7300; DOI: 10.7711/feemre3.2015.07.001)
11. Bastianin, A., Manera, M., Nicolini, M. and Vignati, I. (2012). "Speculation, returns, volume and volatility in commodities futures markets", Review of Environment, Energy and Economics (Re3), January 20, 2012, (ISSN: 2279-7300; DOI: 10.7711/feemre3.2012.01.002).
12. Bastianin, A. and Cattaneo, C. and Markandya, A. (2009). "Are China and Europe converging?", China Economist, July-August 2009.
13. Bastianin, A. (2009). "Il numero tre", Equilibri, 2/2009, pp. 275-292. [DOI: 10.1406/30195].

AFFILIATIONS, ACADEMIC AND PROFESSIONAL SERVICE

Refereeing activity

Macroeconomic Dynamics; Oxford Bulletin of Economics and Statistics; Studies in Nonlinear Dynamics & Econometrics; Economic Modelling; Empirical Economics; The Energy Journal; Energy Economics; Energy Policy; Food Policy; Technovation; Mathematics and Computers in Simulation; International Review of Economics and Finance; Climatic Change; Journal of Economic Policy Reforms; Journal of Consumer Policy; Annals of Public and Cooperative Economics; Utilities Policy; Energy; Economic Change and Restructuring; Biofuels, Bioproducts and Biorefining; Sustainability; Helyon; Economics and Policy of Energy and the Environment; Australian Journal of Agricultural and Resource Economics; Economics.

13/03/2019 – CURRENT

Member of the Ph.D. committee in Economics (Collegio docenti), University of Milan.

21/07/2017 – 30/05/2019

Associated member - European Organization for Nuclear Research (CERN) - Geneva, Switzerland.

RESEARCH GRANTS

03/05/2015 – 29/09/2015

Principal Investigator - "Response of commodities prices to interannual climate variability: the case of coffee in Colombia"

Euro-Mediterranean Center on Climate Change (CMCC)

Member - "Incorporating environmental, social and governance (ESG) criteria in credit analysis and ratings"

EIBURS – EIB Universities Research Action

CONFERENCES AND SEMINARS

Conferences

- 21-22 Nov. 2019: Speaker – International Workshop on "New Economic & Statistical Perspectives on Urban and Territorial Themes (NESPUTT)". Università degli Studi di Milano – Bicocca.
- 24-26 Oct. 2019: Speaker - 60th Annual Conference of the Italian Economic Association, Palermo - Italy.
- 29-30 Aug. 2019: Discussant - 7th CIdE Workshop for PhD students in Econometrics and Empirical Economics (WEEE), Bertinoro (FC) – Italy.
- 25 Jun. 2019: Invited Speaker – Workshop on the Economics of Science – CERN FCC Week 2019, Bruxelles.
- 19-20 Jun. 2019: Speaker – Conferenza della Società Italiana di Statistica 2019 – Università di Cattolica del Sacro Cuore – Milano.

- 10-11 Jun. 2019: Speaker - 1st CefES International Conference on European Studies: North-South, East-West, Rural-Urban Economic and Political Divide in Europe – Università degli Studi di Milano – Bicocca.
- 20-21 Sept. 2018: Speaker - XXX Conferenza Società italiana di economia pubblica (SIEP) 2018 – Università di Padova.
- 22 Jun. 2018: Invited Speaker – Workshop on the “Economic and Financial Implications of Climatic Change” – Università degli Studi di Milano – Bicocca.
- 24-25 May 2018: Speaker - 6th International Symposium on Environment and Energy Finance Issues (ISEFI2018) – Paris.
- 31 May 2017: Invited speaker - Workshop on “The economic impact of CERN colliders: Technological spillovers from LHC to HL-LHC and beyond” – CERN FCC Week, Berlin.
- 4-5 Jun. 2015: Invited speaker - International Workshop on “Recent Evolutions of Oil and Commodity Prices”, Fondazione Eni Enrico Mattei, Milan.
- 6-8 Dec. 2014: Invited speaker - 8th International Conference on Computational and Financial Econometrics (CFE 2014), University of Pisa.
- 5-6 Jun. 2014: Invited speaker - International Workshop on "Oil and Commodity Price Dynamics", Fondazione Eni Enrico Mattei, Milan.
- 13-14 Feb. 2014: Speaker - Italian Association of Environmental and Resource Economists, 2nd Annual Conference, Università degli Studi di Milano.
- 26-29 Jun. 2013: Speaker, Discussant & Chair - 20th Annual Conference of the European Association of Environmental and Resource Economists, Toulouse, France.
- 8-9 Feb. 2013: Speaker - Italian Association of Environmental and Resource Economists, 1st Annual Conference, University of Ferrara.
- 9-12 Sept. 2012: Speaker - 12th International Association for Energy Economists - European Energy Conference, Università Ca' Foscari, Venice.
- 11 Dec. 2009: Speaker - 1st Carlo Giannini Ph.D. Workshop in Financial Econometrics and Quantitative Finance, University of Brescia.

TEACHING

12/2021 – CURRENT

Econometrics

PhD in Economics, University of Milan (20 hours).

09/2019 – CURRENT

Economic and financial data science - Time Series Analysis

Master in Data Science for Economics, Business and Finance, University of Milan (10 hours)

01/2020 – CURRENT

Macroeconomics

Bachelor in Public Sector and Healthcare Management (MAPS), University of Milan (40 hours)

01/2020 – 12/2021

Microeconometrics - Microeconometrics, causal inference and time series econometrics

MSc program in Data science and economics (DSE), University of Milan (20 hours)

12/2019 – 03/2022

Time series econometrics

PhD in Economics, University of Milan - Bicocca (30 hours).

12/2019 – 01/2022

Economic forecasting

PhD in Economics, University of Milan - Bicocca (10 hours).

01/2018 – 12/2019

Time series econometrics

PhD in Economics, University of Milan (10 hours).

01/2018 – 02/2018

Econometrics

Ph.D in Management & Innovation, Università Cattolica del Sacro Cuore, Milan (10 hours).