

MATTIA GUERINI

Associate Professor University of Brescia (DEM) via San Faustino 74/b 25122, Brescia	Senior Researcher Fondazione ENI Enrico Mattei corso Magenta 63 20123, Milano	Scholar	Scopus
		Citations	665
		h-index	11
			112
			4

Academic Career and Education

2022/05-ongoing	Senior Researcher, Fondazione Eni Enrico Mattei (FEEM)
2023/12-ongoing	Associate Professor, University of Brescia (UNIBS)
2020/12-2023/12	Assistant Professor (RTD-B), University of Brescia (UNIBS)
2019/03-2020/12	Post-doc, Université Côte d'Azur (UCA)
2016/10-2019/02	Post-doc, OFCE-SciencesPo
2013/10-2016/10	Ph.D. in Economics, Sant'Anna School of Advanced Studies
2010/09-2013/02	M.Sc. Economics, Catholic University of Milan, magna cum Laude
2007/09-2010/09	B.A. Economics, Catholic University of Milan
2002/09-2007/09	Diploma, Liceo Scientifico Statale Leonardo Da Vinci di Crema

Fundraising and Project Management

2019-2020	<i>Marie Curie Individual Fellowship</i> . ACEPOL project (principal researcher), UCA
2018/06-2019/02	<i>EU-H2020</i> . DG Growth project (researcher), OFCE-SciencesPo
2018/04-2018/05	<i>EU-H2020</i> . Dolfins project (researcher), OFCE-SciencesPo
2016/10-2018/03	<i>EU-H2020</i> . ISIGrowth project (researcher), OFCE-SciencesPo

Visiting Periods

2023	Visiting researcher (1 week) - Université Côte d'Azur, France
2019	Visiting researcher (1 month) - University of Bielefeld, Germany
2015	Visiting researcher (2 months) - SKEMA Business School, Sophia-Antipolis, France
2014	Visiting student (1 month) - University of Strasbourg, France
2012	Visiting student (4 months) - CeNDEF, University of Amsterdam, Netherlands

Teaching Experience

2023	Prof. Econometrics (University of Brescia), PhD level - English
2022-2023	Prof. Empirical Economics (University of Brescia), B.A. level - English
2021-2023	Prof. Econometria dei Mercati Finanziari (University of Brescia), M.Sc. level - Italian
2019-2023	Prof. Validation of ACE Models (Université Côte d'Azur), Ph.D. level - English
2019-2020	Prof. Introduction to R (Université Côte d'Azur), M.Sc. level - English
2018-2020	T.A. CORE Economics (SciencesPo), B.A. level - English
2019	Prof. Introduction to Econometrics with R (SciencesPo), B.A. level - English
2016	T.A. Computational Economics (Sant'Anna School), M.Sc. level - English
2016	T.A. Macroeconomics (Sant'Anna School), M.Sc. level - English
2015 to 2016	T.A. Economia Politica (University of Pisa), B.A. level - Italian

Organizational Experience

2023	UNIBS summer school on "ABM for Economics, Finance and Climate Change", University of Brescia, Italy
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2019	EAEPE special session on “Macroeconomics agent-based models”, Warsaw School of Economics, Warsaw, Poland
2018	EAEPE special session on “Credit markets and the effects on the real economy”, Nice University, Nice, France EAEPE special session on unconventional monetary policy, Corvinus University, Budapest, Czech-Republic
2016	CESAE workshop on agent-based models, Sophia-Antipolis, France Freewheeling Econometrics workshop, Scuola Superiore Sant’Anna, Pisa, Italy (INET-YSI funded)
2015	WEHIA summer school, Nice, France (INET-YSI funded)
2014	Debunking Austerity workshop, Scuola Superiore Sant’Anna, Pisa, Italy (INET-YSI funded)
2013	Rethinking Macroeconomics workshop, Università Cattolica, Milano, Italy (INET-YSI funded)

Other Academic Appointments

2022/09-ongoing	Teaching council (member), AEM PhD, UNIBS
2022-ongoing	Evaluation committee for the access to the “Lauree Magistrali” (member), UNIBS
2021-ongoing	Research fellow, GREDEG, UCA
2021-ongoing	“Commissione Erasmus e Relazioni Internazionali” (member), UNIBS
2021-ongoing	“Commissione Domande e Pratiche Studenti” (member), UNIBS
2021-2022	“Commissione Carriere” (member), UNIBS
2017-ongoing	Research fellow, Institute of Economics, Sant’Anna School
2021/05-2032/05	Italian habilitation for the Associate Professor position (SECS-P/01)
2018/11-2020/10	Scientific Committee of the UCA Academy 2 on Complex Systems (member), UCA
2018/10-2019/09	KTO-GREDEG-OFCE seminar series (responsible), OFCE
2018/01-2023/01	French habilitation for the “Maitre de Conference” (Assistant Professor) position

Publications in Peer Reviewed Journals

2024	Guerini, Nesta, Ragot, Schiavo <i>Zombification of the Economy? Assessing the Effectiveness of French Government Support During COVID-19 Lockdown</i> “Journal of Economic Behavior and Organization” https://doi.org/10.1016/j.jebo.2023.12.013
2024	Barbieri, Guerini, Napoletano <i>he Anatomy of Government Bond Yields Synchronization in the Eurozone</i> “Macroeconomic Dynamics” https://doi.org/10.1017/S1365100523000597
2023	Fontanelli, Guerini, Napoletano <i>International Trade and Technological Competition in Markets with Dynamic Increasing Returns</i> “Journal of Economic Dynamics and Control” https://doi.org/10.1016/j.jedc.2023.104619
2023	Ferraresi, Ghezzi, Vanni, Caiani, Guerini, Lamperti, Reissl, Fagiolo, Napoletano, Roven-tini. <i>On the economic and health impact of the COVID-19 shock on Italian regions: A value chain approach</i> “Regional Studies” https://doi.org/10.1016/j.jedc.2023.104619

- 2022 Guerini, Luu, Napoletano
Synchronization Patterns in the European Union
"Applied Economics"
<https://doi.org/10.1080/00036846.2022.2101607>
- 2022 Guerini, Lamperti, Napoletano, Roventini, Treibich
Unconventional Monetary Policies in an Agent-Based Model with Mark-to-Market Standards
"Review of Evolutionary Political Economy"
<https://doi.org/10.1007/s43253-022-00065-8>
- 2022 Reissl, Caiani, Lamperti, Guerini, Vanni, Fagiolo, Ferraresi, Ghezzi, Napoletano, Roventini
Assessing the economic effects of lockdowns in Italy: a dynamic Input-Output approach.
"Industrial and Corporate Change"
<https://doi.org/10.1093/icc/dtac003>
- 2021 Guerini, Harting, Napoletano
Governance structure, technical change and industry competition
"Journal of Economic Dynamics and Control"
<https://doi.org/10.1016/j.jedc.2021.104294>
- 2021 Calvino, Giachini, Guerini
The age distribution of business firms
"Journal of Evolutionary Economics"
<https://doi.org/10.1007/s00191-021-00747-2>
- 2021 Guerini, Nesta, Musso
Can You Jump This High? Quantifying Barriers to Market Participation
"Economic Modelling"
<https://doi.org/10.1016/j.econmod.2021.02.017>
- 2020 Guerini, Moneta, Napoletano, Roventini
The Janus-Faced Nature of Debt: Results from a Data-Driven Cointegrated SVAR Approach
"Macroeconomic Dynamics"
<https://doi.org/10.1017/S1365100518000445>
- 2018 Guerini, Napoletano, Nesta
Convergences des structures productives et des cycles industriels dans l'Union Européenne
"Revue de l'OFCE"
<https://doi.org/10.3917/reof.158.0127>
- 2018 Guerini, Lamperti, Mazzocchetti
Unconventional Monetary Policy: Between the Past and Future of Monetary Economics
"European Journal of Economics and Economic Policies: Intervention"
<https://doi.org/10.4337/ejeep.2018.0036>
- 2018 Guerini, Napoletano, Roventini
No Man Is an Island: The Impact of Heterogeneity and Local Interactions on Macroeconomic Dynamics
"Economic Modelling"
<https://doi.org/10.1016/j.econmod.2017.05.004>
- 2017 Guerini, Moneta
A Method for Agent-Based Models Validation
"Journal of Economic Dynamics and Control"
<https://doi.org/10.1016/j.jedc.2017.06.001>

Publications in Books and Collections

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| 2020 | <p>Guerini, Nesta, Ragot, Schiavo
 <i>Les Dynamique des défaillances d'entreprise en France et crise de la Covid-19.</i>
 in OFCE Eds. Repères - L'économie française 2021
 https://www.cairn.info/1-economie-francaise-2021--9782348064142-page-103.htm</p> |
| 2019 | <p>Guerini, Lamperti, Mazzocchetti
 <i>Unconventional Monetary Policy in the United States and in Europe</i>
 in Vlaskos, Vasileios and Bitzenis, Aristides. (Eds.) "European Union: Post Crisis Challenges and Prospects for Growth". Palgrave Macmillan.
 https://doi.org/10.1007/978-3-030-18103-1_3</p> |
| 2019 | <p>Fagiolo, Guerini, Lamperti, Moneta, Roventini
 <i>Validation of Agent-Based Models in Economics and Finance</i>
 in Beisbart, Claus and Nicole J. Saam (Eds.) "Handbook of Computer Simulation Validation. Fundamental Concepts, Methodological Frameworks, Philosophical Perspectives". Cham: Springer International Publishing.
 https://doi.org/10.1007/978-3-319-70766-2_31</p> |
| 2018 | <p>Guerini, Napoletano, Nesta
 <i>Dynamique et synchronisation des industries manufacturières de l'Union européenne.</i>
 in OFCE Eds. Repères - L'économie européenne 2019
 https://doi.org/10.3917/reof.158.0127</p> |

Working Papers

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| 2022 | <p>Guerini, Vanni, Napoletano
 <i>E pluribus, quaedam. Gross domestic product out of a dashboard of indicators.</i>
 LEM Working Paper n. 15/2022
 http://www.lem.sssup.it/WPLem/files/2022-15.pdf
 Under review at the "Italian Economic Journal"</p> |
| 2019 | <p>Antonin, Guerini, Napoletano, Vona
 <i>Italy: Escaping the high-debt and low-growth trap</i>
 Sciences Po OFCE Working Paper, n. 07/2019
 www.ofce.sciences-po.fr/pdf/dtravail/WP2019-07.pdf</p> |
| 2013 | <p>Guerini
 <i>Is the Friedman Rule Stabilizing? Some Unpleasant Results in a Heterogeneous Expectations Framework</i>
 DISCE Working Papers 2013/03, Catholic University of Milan
 https://tinyurl.com/yavecruf</p> |

Policy Briefs

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| 2020 | <p>Guerini, Nesta, Ragot, Schiavo
 <i>Firm liquidity and solvency under the Covid-19 lockdown in France.</i> (OFCE Policy Brief n.76).
 https://www.ofce.sciences-po.fr/pdf/pbrief/2020/OFCEpbrief76.pdf</p> |
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2020	Task Force Ministero Innovazione <i>Lockdown, dinamiche regionali e settoriali.</i> https://github.com/taskforce-covid-19/documenti/blob/master/sgdl_3_Impatto_Economico/sgdl3_lockdown_dinamiche_regionali_e_settoriali.pdf
2020	Guerini, Napoletano <i>L'economia dell'Unione Europea ai tempi del Coronavirus.</i> https://sbilanciamoci.info/leconomia-dellunione-europea-ai-tempi-del-coronavirus/
2019	Antonin, Guerini, Napoletano, Vona <i>Italy: Escaping the high-debt and low-growth trap.</i> (OFCE Policy Brief n.56). https://www.ofce.sciences-po.fr/pdf/pbrief/2019/OFCEpbrief56.pdf
2019	Guerini, Guillou, Salies <i>De la signification des taux d'imposition des entreprises en France.</i> (OFCE Le Blog). https://tinyurl.com/y47nxjfl
2018	Guerini, Guillou, Nesta, Ragot, Salies <i>Impôt sur les sociétés: état des lieux et effets différenciés de la réforme.</i> (OFCE Policy Brief n.38). https://tinyurl.com/yac53gk9
2018	Dosi, Guerini, Lamperti, Napoletano, Roventini, Treibich <i>Balance Sheet Based Unconventional Monetary Policies in the K+S Agent-Based Model.</i> https://www.iris.sssup.it/retrieve/handle/11382/523314/39024/working_paper_2018_27.pdf
2018	Battiston, Guerini, Napoletano, Stolbova <i>Financialization in EU and its consequences.</i> (Policy Brief for ISIGrowth EU H-2020 Project). https://tinyurl.com/yac53gk9
2018	Guerini, Guillou <i>Quel avenir pour l'industrie européenne?</i> "Alternatives Economiques" (Hors Serie N.114) https://www.alternatives-economiques.fr/lindustrie-europeenne-quete-davenir/00083046
2018	Guerini, Moneta, Napoletano, Roventini <i>Sur la double nature de la dette.</i> "OFCE Blog" https://www.ofce.sciences-po.fr/blog/9973-2/#more-9973

Referee Activity

from 2023	Italian Economic Journal (1 paper) Energy Economics (1 paper)
from 2021	Journal of Economic Dynamics and Control (2 papers) Structural Change and Economic Dynamics (1 paper) Research Policy (1 paper) Health Economics (1 paper) International Journal of Microsimulation (1 paper)
from 2020	Industrial and Corporate Change (1 paper) Journal of Macroeconomics (1 paper) Plos One (2 papers) Economic Notes (1 paper) SN Business & Economics (2 papers)
from 2019	Macroeconomic Dynamics (2 papers) Research in International Business and Finance (1 paper)
from 2018	Computational Economics (3 papers) Revue de l'OFCE (1 paper)

from 2017	Ecological Economics (2 papers) Simulation Modelling Practice and Theory (1 paper)
from 2016	Journal of Economic Behavior and Organization (5 papers) Economic Modelling (5 papers) Journal of Evolutionary Economics (3 papers) Advances in Complex Systems (2 papers)
from 2015	Journal of Economic Interaction and Coordination (4 papers)

PhD Commissions and External Referee

2023	Université Côte d'Azur, External Referee for the PhD thesis of Ciambezi Leonardo
2021	Catholic University of Milan, External Referee for the PhD thesis of Di Noia Jlenia Catholic University of Milan, External Referee for the PhD thesis of Iannotta Gabriele Parthenope University of Naples, Member of the commission for the PhD defence of Cacciottolo Jessica Parthenope University of Naples, Member of the commission for the PhD defence of Di Lecce Vincenzo

Thesis Supervision

PhD: Giovanni Cirigliano (Catholic University of Milan, ongoing)
Laurea Magistrale (5): Ilaria Valitutti (UniBS) Daniele Ottelli (UniBS) Luca Sansone (UniBS) Alessia Gavazzi (UniBS) Ilaria Mometti (UniBS)
Laurea Triennale (6): Albertini Davide (UniBS) Lorenzo Zanchi (UniBS) Cloe Bodei (UniBS) Matteo Calarco (UniBS) Andrea Gatto (UniBS) Alessandro Proietti (UniBS)

International Conferences

2024	IEB Symposium, Universitat de Bcelona, Spain IWEEE Workshop, Bolzano University, Italy
2023	FAERE, Montpellier University, France CEF Côte d'Azur University, France IAERE, Parthenope University, Naples, Italy
2022	WEHIA, University of Catania, Catania, Italy
2021	EMIL Workshop, University of Trento, Italy ISGEP Worksop, Côte d'Azur University, France EAEPE, Web Conference WEHIA Online Workshop
2020	EAEPE, Web Conference
2019	EAEPE, Warsaw School of Economics, Poland CEF, Carleton University, Ottawa, Canada WEHIA, City University, London, UK UCA Complex Days, University of Côte d'Azur, Nice, FR
2018	CFE-CSMStatistics, Pisa University, Italy ICEED, Bari University, Italy EAEPE, Côte d'Azur University, France WEHIA, Tokyo University, Japan CEF, Milano Catholic University, Italy ISCEF, Paris, France FINEXUS, University of Zurich, Switzerland

2017	EAEPE, Budapest Corvinus University, Czech Republic FINGRO, Milano University, Italy WEHIA, Milano Catholic University, Italy IMA, Turin Collegio Carlo Alberto, Italy EMAEE, Strasbourg University, France CESAE, Côte d'Azur University, France
2016	EAEPE, Manchester University, UK CRISIS, Ancona University, Italy CEF, Bordeaux University, France WEHIA, Castellon de la Plana University, Spain ISCEF, Paris, France BRICK PhD Workshop, Torino Collegio Carlo Alberto, Italy
2015	EMAEE, Maastricht University, Netherlands WEHIA, Nice University, France
2014	BIGSEM PhD Workshop, Bielefeld University, Germany

Seminar Invitations

2023	<i>Weekly seminar series</i> , CLE, Catholic University of Milan, Italy
2022	<i>Weekly seminar series</i> , Parthenope University of Naples, Italy
2021	<i>ABM₄Policy seminar series</i> , online
2020	<i>Round table on business bankruptcy during the Covid-19</i> , Ministère des Finances, Paris, France <i>OFCE Lunch Seminar</i> , OFCE-SciencesPo, Paris, France
2019	<i>BIGSEM Seminar Series</i> , University of Bielefeld, Germany <i>DISEI Seminar Series</i> , University of Florence, Italy <i>OFCE Lunch Seminar</i> , OFCE-SciencesPo, Paris, France
2018	<i>Erich-Schneider Seminar Series</i> , University of Kiel, Germany
2017	<i>LEM Seminar Series</i> , Sant'Anna School of Advanced Studies of, Pisa, Italy <i>Kent Workshop on ABM validation</i> , Kent University, Canterbury, UK <i>OFCE Lunch Seminar</i> , OFCE-SciencesPo, Paris, France
2016	<i>Complex Evolving System Approach in Economics</i> , University of Nice, France
2013	<i>CeNDEF Lunch Seminar</i> , University of Amsterdam, Netherlands

Other Skills

Softwares	LaTeX(proficient) R (proficient) Matlab (good) Stata (basic) Python (basic) Microsoft Office (good)
Languages	Italian (native) English (proficient) French (good)

Summer Schools

2015	<p>Nobel Laureates summer school on <i>Fiscal and Monetary Policy</i>, Iseo, Italy A week of lectures by Professors George Akerlof, Robert Shiller, Michael Spence</p> <p>WEHIA summer school, Nice, France Covered Topics: ABM, Network, Experimental Economics</p> <p>INET winter school on <i>Fully Scalable Macro Models</i>, Limerick, Ireland Covered Topics: ABM, SFC, Object-Oriented Programming</p>
2014	<p>CIDE summer school on <i>Time Series Econometrics</i>, Bertinoro, Italy Covered Topics: VAR, VECM, CVAR, GARCH, Macroeconometrics with R</p>
2011	<p>LSE summer school on <i>Topics in Econometrics</i>, London, United Kingdom Covered Topics: Panel Data, Difference-In-Difference, Quantile Regression, Microeconometrics with STATA</p>

Anything declared in this document corresponds to the truth as of articles 46 and 47 of the D.P.R. 445/2000.
Tutto quanto dichiarato corrisponde a verità ai sensi degli articoli 46 e 47 del D.P.R. 445/2000.

