

## Jakob Grazzini

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CONTACT INFORMATION	Department of Economics and Management University of Pavia Via San Felice 5, 27100, Pavia, Italy	<i>E-mail:</i> jakob.grazzini(at)unipv.it <i>Internet:</i> www.jakob.altervista.org
CURRENT POSITION	(December 2021 - present) Associate Professor in Economics, Department of Economics and Management, University of Pavia	
QUALIFICATIONS	Italian National Scientific Qualification (Abilitazione Scientifica Nazionale) - Full Professor in 13/A1 Economics (from 06/12/2023)  Italian National Scientific Qualification (Abilitazione Scientifica Nazionale) - Full Professor in 13/A2 Economic Policy (from 01/12/2023)	
PAST POSITIONS	(December 2018 - December 2021) Assistant Professor ( <i>Senior</i> - “Tipo B”), Department of Economics and Management, University of Pavia  (September 2016 - December 2018) Assistant Professor ( <i>Junior</i> - “Tipo A”), Department of Economics and Finance, Catholic University of Milan  (June 2012 - August 2016) Postdoctoral Fellow (Assegnista di Ricerca), Department of Economics and Finance, Catholic University of Milan	
ADMINISTRATIVE DUTIES	(May 2021 - present) Coordinator of the Bachelor of Economics (Referente del Corso Laurea Triennale in Economia), University of Pavia	
OTHER AFFILIATIONS	(January 2015 - present) Complexity Lab in Economics, Catholic University of Milan (April 2016 - present) CESifo Research Network	
RESEARCH INTERESTS	Macroeconomics, Estimation of Agent-Based Models, Networks, Behavioral Economics.	
EDUCATION	March 2012, Ph.D., <a href="#">Economics</a> (Economics & Complexity), University of Turin  April 2008, M.Sc., <a href="#">Economics</a> , University of Rome Sapienza  September 2005, B.Sc., <a href="#">Economics</a> , University of Rome Sapienza	
VISITING	03/2022, <i>Visiting Scholar</i> , International Institute for Applied Systems Analysis (IIASA), Austria  02/2011 - 07/2011, <i>Visiting PhD Student</i> , Center for Nonlinear Dynamics in Economics and Finance, University of Amsterdam, Netherlands  10/2007 - 12/2007, <i>Visiting Student</i> , Centre for Research in Social Simulation, University of Surrey, UK	

## PUBLICATIONS

- Guido Ascari, Stefano Fasani, Jakob Grazzini and Lorenza Rossi, 2023, Endogenous Uncertainty and the Macroeconomic Impact of Shocks to Inflation Expectations, *Journal of Monetary Economics*, Vol. 140S, pp. S48-S63
- Jakob Grazzini and Lorenza Rossi, 2023, Firm Ex-ante Heterogeneity, Entry, and the Labour Share, *The Economic Journal*, Vol.133 (649), pp. 235–257
- Jakob Grazzini and Domenico Massaro, 2022, Great Volatility, Great Moderation and Great Moderation Again, *Review of Economic Dynamics*, Vol.44, pp. 269-283
- Jakob Grazzini and Alessandro Spelta, 2022, An empirical analysis of the global input-output network and its evolution, *Physica A*, Vol. 594, 126993
- Jakob Grazzini and Domenico Massaro, 2021, Dispersed Information, Social Networks and Aggregate Behavior, *Economic Inquiry*, Vol. 59 (3), pp. 1129-1148
- Domenico Delli Gatti and Jakob Grazzini, 2020, Rising to the Challenge: Bayesian Estimation and Forecasting Techniques for Macroeconomic Agent-Based Models, *Journal of Economic Behavior and Organization*, Vol. 178, pp. 875-902
- Alessandro Gobbi and Jakob Grazzini, 2019, A basic New Keynesian DSGE model with dispersed information: An agent-based approach, *Journal of Economic Behavior and Organization*, Vol. 157, pp. 101-116.
- Tiziana Assenza, Paola Colzani, Domenico Delli Gatti and Jakob Grazzini, 2018, Does Fiscal Policy Matter? Tax and spend in a Macro ABM with capital and credit, *Industrial and Corporate Change*, Vol. 27 (6), pp. 1069-1090.
- Tiziana Assenza, Alberto Cardaci, Domenico Delli Gatti, and Jakob Grazzini, 2018, Policy experiments in an agent-based model with credit networks, *Economics: The Open-Access, Open-Assessment E-Journal*, 12 (2018-47): 1–17.
- Jakob Grazzini, Matteo Richiardi and Mike Tsionas, 2017, Bayesian estimation of agent-based models, *Journal of Economic Dynamics and Control*, 77, 26-47.
- Jakob Grazzini and Matteo Richiardi, 2015, Estimation of ergodic agent-based models by simulated minimum distance, *Journal of Economic Dynamics and Control*, 51, 148-165.
- Tiziana Assenza, Jakob Grazzini, Cars Hommes and Domenico Massaro, 2015, PQ strategies in monopolistic competition: Some insights from the lab, *Journal of Economic Dynamics and Control*, 50, 62-77 .
- Tiziana Assenza, Domenico Delli Gatti and Jakob Grazzini, 2015, Emergent dynamics of a macroeconomic agent based model with capital and credit, *Journal of Economic Dynamics and Control*, 50, 5-28.
- Jakob Grazzini, 2013, Information dissemination in an experimentally based agent-based stock market. *Journal of Economic Interaction and Coordination*, 8 (1), 179-209
- Jakob Grazzini, 2012, Analysis of the emergent properties: stationarity and ergodicity, *Journal of Artificial Societies and Social Simulation* 15 (2) 7

## EDITORIALS

- Tiziana Assenza, Domenico Massaro and Jakob Grazzini, 2019, Editorial: Introduction to the Special Issue, *Journal of Economic Interaction and Coordination*, 14(3), pp. 431-436

- BOOK CHAPTERS    Jakob Grazzini, Matteo Richiardi and Lisa Sella, 2018. The Agent-Based Experiment (Chapter 7). In Domenico Delli Gatti, Giorgio Fagiolo, Mauro Gallegati, Matteo Richiardi and Alberto Russo (eds.), *Agent-Based Models in Economics. A Toolkit*. Cambridge University Press, Cambridge (ISBN 978-1-108-40004-6)
- Jakob Grazzini, Matteo Richiardi and Lisa Sella 2012. Small sample bias in MSM estimation of agent-based models. In: Teglio A., Alfarano S., Camacho-Cuena E., Ginés-Vilar M. (eds). *Managing Market Complexity. The Approach of Artificial Economics*. Springer, Berlin
- PRESENTATIONS    **16th Dynare Conference**, 30 June -1 July 2022, Lancaster, UK
- AT CONFERENCES    **Ventotene Workshop in Macroeconomics**, 16-18 September 2021, Ventotene, Italy
- AND WORKSHOPS    **Workshop on the Economic Science with Heterogeneous Interacting Agents (WEHIA)** 2019, 24 - 26 June 2019, London, UK
- 6th Macro Banking and Finance Workshop**, 13-14 September 2018, Alghero, Italy
- 5th International Symposium in Computational Economics and Finance in Paris**, 12-14 April 2018, Paris, France
- Computing in Economics and Finance** 2017, 28-30 June 2017, New York, USA
- 4th Macro Banking and Finance Workshop**, 15-16 September 2016, Rome, Italy
- Computing in Economics and Finance** 2016, 26-28 June 2016, Bordeaux, France
- Hamburg Complexity Workshop**, 12-13 May 2016, Hamburg, Germany
- JAFEE20 International Conference**, 26-27 March 2016, Tokyo, Japan
- CESifo Area Conference on Macro, Money & International Finance** 2016, 26-27 February 2016, Munich, Germany
- 3rd Macro Banking and Finance Workshop**, 10-11 September 2015, Pavia, Italy
- Computing in Economics and Finance** 2015, 20-22 June 2015, Taipei, Taiwan
- Workshop on the Economic Science with Heterogeneous Interacting Agents (WEHIA)** 2015, 21-23 May 2015, Nice, France
- Computing in Economics and Finance** 2014, 22-24 June 2014, Oslo, Norway
- International Economic Association, Seventeenth World Congress**, 5-10 June 2014, Dead Sea, Jordan
- First Bordeaux Workshop on Agent-Based Macroeconomics**, 7-8 November 2013, Bordeaux, France
- Computing in Economics and Finance** 2013, 10-12 July 2013, Vancouver, Canada
- European Meeting on Applied Evolutionary Economics** 2013, 10-13 June 2013, Nice, France

**Eastern Economic Association** - NYC Computational Economics & Complexity Workshop 2013, 9-11 May 2013, New York, USA

TEACHING  
EXPERIENCE

Monetary Economics (undergraduate, in italian), Department of Economics and Management, University of Pavia (from 2019-2020 to 2023-2024)

Macroeconomics (undergraduate, in italian), Department of Economics and Management, University of Pavia (from 2019-2020 to 2023-2024)

Advanced Macroeconomics (graduate, in english), Department of Economics and Finance, Catholic University of Milan (from 2017-2018 to 2020-2021)

Growth Theory (PhD, in english), PhD in Economics - University of Milan and University of Pavia (April 2021)

Macroeconomics (undergraduate, in italian), Department of Economics and Finance, Catholic University of Milan (from 2016-2017 to 2018-2019)

Agent-Based Modeling Laboratory (PhD Course), Graduate School in Public Economics - DEFAP, Catholic University of Milan (March 2015, March 2016, March 2017, November 2017)

INTERNATIONAL  
RESEARCH  
PROJECTS

**MACFINROBODS.** European Union, FP7- SSH Project. Grant Agreement No. 612796. Role: Researcher.

**RASTANEWS.** European Union, FP7-SSH Project. Grant Agreement No. 320278. Role: Researcher.

**CRISIS.** European Union, FP7 -ICT Project. Grant Agreement no.288501. Role: Researcher.

EDITORIAL  
ACTIVITIES

(December 2022 - present) Associate Editor of the Journal of Economic Interaction and Coordination

(September 2019 - present) Associate Editor of the International Journal of Microsimulation

Guest Editor of the Journal of Economic Interaction and Coordination, Vol. 14(3), September 2019.

AWARDS

**Unicredit Best Young Paper Award**, 2016. Received at the *4th Macro Banking and Finance Workshop* in Rome.

**Affiliation to the CESifo Research Network**, 2016. Nominated for the Distinguished CESifo Affiliate Award at the 2016 CESifo Area Conference on Macro, Money and International Finance.

REFEREE FOR

Nature Human Behavior, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Macroeconomic Dynamics, Advances in Complex

Systems, Journal of Artificial Societies and Social Simulation, Physica A, Journal of Economic Interaction and Coordination, Journal of Economic Surveys, Journal of Evolutionary Economics, Italian Journal of Economics.

ORGANIZATION OF INTERNATIONAL CONFERENCES AND SCHOOLS Local co-organizers of the Online Winter School on Firm Heterogeneity in Macroeconomic Models. University of Pavia, 8-12 February 2021.

Local co-organizer of 18th Workshop on Macroeconomic Dynamics: Theory and Applications. University of Pavia, 20 December 2019.

Local co-organizer of the First Pavia Workshop on “Macroeconomics with Heterogeneous Agents”. University of Pavia, 24 September 2019.

Local co-organizer of the International Conference Computing in Economics and Finance (CEF), (Society for Computational Economics). Catholic University of Milan, 19-21 June 2018

Local co-organizer of the International Conference Workshop on Economics with Heterogeneous Interacting Agents (WEHIA), (Society for Economic Science with Heterogeneous Interacting Agents). Catholic University of Milan, 12-14 June 2017

OTHER SCIENTIFIC ACTIVITIES Co-organizer of the Complexity Lab in Economics Seminar Series (2015-2019)

Member of the Scientific Committee of WEHIA 2018.

Member of the Scientific Committee of WEHIA 2017.

Member of the Scientific Committee of WEHIA 2015.