Gianluca Pallante

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Citizenship: Italian

Work Experience

2020 –   Post-doc Research Fellow at the Institute of Economics, Sant'Anna School of Advanced Studies (Pisa, Italy) - Assegno di ricerca ex art. 22, L. 30/12/2010, n. 240

Research Group and Projects involvement

GROWINPRO "Growth Welfare Innovation Productivity" - Horizon 2020
GreenDIGIT "When green meets digital: understanding the "twin" transition in the economy and society" - Horizon Europe
NEWS "SteeriNg financE toWards green technologieS: a hybrid experimental-computational macro approach" - PRIN PNRR funded by the Italian Ministry of University and Research
FIND "Finance and Innovation to couple Negative Emissions and Sustainable Development" - European Research Council (ERC)

Activities

Short- and long-term impact of innovation, fiscal, monetary, and macroprudential policies
Analysis of the financing mechanisms for the energy transition, decarbonization policies, and their economic repercussions

2016   Trainee at Euro Area Accounts Division, DG-Statistics, European Central Bank (Frankfurt, Germany)

Research Interests

Fiscal & Innovation Policy, Financial Stability, Agent-based modeling, Empirical Macroeconomics, Calibration and Validation of simulation models.

Education

2021   PhD in Economics. International Doctoral Programme in Economics, Sant'Anna School of Advanced Studies (defended on March 2021), Pisa, Italy

Thesis Title: *Three Essays on Macroeconomic Policy*
Supervisor: Prof. Andrea Roventini
PhD Committee: Prof. Pierre A. Mohnen, Dr. Isabelle L. Salle, Prof. Willi Semmler

2015   M.Sc. in Econometrics at University of Amsterdam, Amsterdam, the Netherlands

Thesis Title: *Extrapolative Expectations in a Behavioral Macroeconomic Model*
Supervisor: Dr. Isabelle L. Salle and Prof. C. H. Hommes

2014   M.Sc. in Economics at University of Siena, Siena, Italy.
2011   B.Sc. in Economics at University of Siena, Siena, Italy

Fellowships & Awards

2025 Awarded with the Italian scientific qualification as Associate Professor in Economics (ASN - 13/A1 - Economia Politica)

2020 Visiting Scholar at The New School for Social Research (NSSR), New York, USA
Sponsor: Prof. Willi Semmler.

2019 Visiting Ph.D. at OFCE-SciencesPo (Innovation and Competition department), SKEMA Business School, Sophia-Antipolis, France.
Sponsor: Prof. Mauro Napoletano.

Publications

Pallante, G., Guerini, M., Napoletano, M. & Roventini, A. (2025) Robust-less-fragile: Tackling Systemic Risk and Financial Contagion in a Macro Agent-Based Model. *Journal of Financial Stability*, 101352

Martinoli, M., Moneta, A. & Pallante, G. (2024). Calibration and Validation of Macroeconomic Simulation Models by Statistical Causal Search. *Journal of Economic Behavior and Organization*, 106786

Pallante, G., Russo, E. & Roventini, A. (2023). Does public R&D funding stimulate private R&D? Evidence from military R&D for US states. *Research Policy*, 104807

Moneta, A. & Pallante, G. (2022). Identification of Structural VAR Models via Independent Component Analysis: A Performance Evaluation Study. *Journal of Economic Dynamics and Control*, 104530

Working papers

Cappa, E., Lamperti, F., & Pallante, G. (2024) Creating Jobs out of the Green: The Employment Effects of the Energy Transition. LEM Working Paper 2024/21. Institute of Economics, Sant'Anna School of Advanced Studies.

Pallante, G. (2025). Reassessing the Cross-Sectional Fiscal Multiplier: Evidence from U.S. Defense Procurement, 1966-2019. LEM Working Paper 2025/18. Institute of Economics, Sant'Anna School of Advanced Studies.

Work in progress

Navigating Climate-Induced Systemic Risk: Insights from an Agent-based Integrated Assessment Model (with F. Lamperti and A. Roventini)

Teaching Experience

2022 – Adjunct Professor. *Finanza Agevolata - Small Business Finance*. ECON 01/A - Economics Track course (Bachelor in Economics and Business Administration, 60 students c.a, in Italian), University of Naples Parthenope, Naples, Italy.

2024 Teaching Assistant. *Advanced Macroeconomics* (M.Sc. Economics, 30 students c.a, in English), Sant'Anna School of Advanced Studies, Pisa, Italy

Course coordinator: Prof. Davide FIASCHI

2021   Teaching Assistant. *Computational Economics* (M.Sc. Economics, 30 students c.a, in English),
          Sant'Anna School of Advanced Studies, Pisa, Italy
          Course coordinator: Prof. Giorgio FAGIOLO

2020   Teaching Assistant. *Advanced Macroeconomics* (M.Sc. Economics, 30 students c.a, in English),
          Sant'Anna School of Advanced Studies, Pisa, Italy

          Course coordinator: Prof. Davide FIASCHI

2017/18   Teaching Assistant. *Economia Politica II* (Bachelor in Economics, 100 students c.a, in Italian),
          University of Pisa, Pisa, Italy

          Course coordinator: Prof. Pompeo DELLA POSTA

Seminars

March 2024   Creating Jobs out of the Green: The employment effects of the Green Transition
             University of Naples Parthenope
March 2023   Shaping the rate and direction of innovation: Evidence from the
             US Department of Defense - University of Naples Parthenope
May 2021   Financial Contagion and Macroeconomic Stability: An Agent-Based Approach -
             Agent-based models (ABM)4Policy - Bank of England
June 2020   The effects of mission oriented policies - Sant'Anna School of Advanced Studies

Organisation of scientific meetings

Settembre 2025   "Alternative Paradigms For Climate Macroeconomics: From Empirics To Modeling"
                 Special Session co-organized at EAEPE 2025, Athens, Greece.

Conference Presentations

Oct 2024   Annual Scientific Meeting Società Italia di Economia (SIE)
             University of Urbino Carlo Bo – Urbino, Italy

Jul 2023:   Computing in Economics and Finance (CEF) - Université Côte d'Azur – Nice,
             France

Nov 2022:   ABM4Policy Workshop - Sant'Anna School of Advanced Studies Pisa, Italy.

Sep 2022:   XXXIV EAEPE - Parthenope University of Naples, School of Economics and
             Law,
             Naples, Italy.

Jun 2022:   WEHIA 2022 - University of Catania, Department of Economics and Business.
             Catania, Italy

Oct 2021:   DRUID21 - Copenhagen Business School, Denmark.

Sep 2021:	XXXIII EAEPE Online Conference
Sep 2021:	WEHIA 2021 - 24.5th Annual Workshop on Economics with Heterogeneous Interacting Agents, Università Cattolica del Sacro Cuore, Milan.
Feb 2020:	EEA 2020 - XLVI Annual European Economic Association - Ramapo College of New Jersey, Boston, USA.
Sept 2020 :	XXXII EAEPE conference (virtual), Faculty of Economics and Business, University of the Basque Country, Bilbao, Spain.
Sept 2019 :	XXXI EAEPE conference - Warsaw School of Economics, Warsaw, Poland.
June 2019:	WEHIA 2019 - XXIV Annual Workshop on the Economic Science with Heterogeneous Interacting Agents - City University, London, UK.
July 2018:	CFE 2018 - XXII International Conference on Computational and Financial Econometrics - University of Pisa, Pisa, Italy.
June 2018:	WEHIA 2018 - XXIII Annual Workshop on the Economic Science with Heterogeneous Interacting Agents, International Christian University, Tokyo, Japan.

Summer Schools

Sept 2018:	San Miniato Summer School of Mathematics for Economic and Social Sciences Mathematical Methods for Time Series Analysis (Prof. Marco Lippi).
Sept 2015:	I Ancona-Milano Summer School on Agent-Based Economics Agent-Based Macroeconomic Modeling (Prof. Delli Gatti, Roventini, Raberto).

Refereeing Activity

Industrial and Corporate Change; *Econometrics and Statistics*; *Journal of Evolutionary Economics*; *Economics E-Journal - Kiel Institute for the World Economy*; *Rivista di storia economica*; *Journal of Income Distribution*; *Defense and Peace Economics*; *Ecological Economics*; *International Journal of Political Economy*; *Journal of Innovation Economics & Management*

Language Skills

ITALIAN:	Mother Tongue
ENGLISH:	C2, Advanced Level
SPANISH:	C1, Fluent

IT skills

General:	MS Office, LATEX
Statistical software:	R Studio (Advanced user), Stata (Good command), Gretl (Basic).
Version control:	GitHub, Sourcetree.
Programming languages:	R (Advanced user), C++ (Good command), Matlab (Good command).