

# Gianluca Pallante

Sant'Anna School of Advanced Studies

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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.

## Work in progress

- Revisiting the Role of the Fiscal Multiplier.
- 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

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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.

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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).
Signature	