

# Paola D'Orazio

Ruhr-Universität Bochum  
Building GD - Room 03/313  
Universitätsstraße 150, 44781 Bochum (Germany)  
E-mail: [Paola.DOrazio@ruhr-uni-bochum.de](mailto:Paola.DOrazio@ruhr-uni-bochum.de)  
Personal Website: <http://econhoratio.org>

## Current positions

**Postdoctoral researcher**, Chair of Macroeconomics, *Ruhr-Universität Bochum*, March 2016-present

**Research fellow**, Research department Closed Carbon Cycle Economy, *Ruhr-Universität Bochum*, October 2018-present

## Education

January 2012 - March 2015, Doctor Europaeus - Ph.D. in Economics and Statistics, **University "G. D'Annunzio" of Chieti-Pescara** (Italy)

One - September 2014, Visiting Graduate student at Kemmy Business School - **University of Limerick** (Ireland)

October 2010 - June 2011, Master - Management of International Cooperation for Development, **University "G. D'Annunzio" of Chieti-Pescara** (Italy)

November 2005 - March 2009, Master - Local and International Cooperation and Development (Economic course of study), Faculty of Political Sciences, Economics and Statistics, **University of Bologna** (Italy)

September 2003 - August 2004, (Erasmus program) Bachelor - Political Sciences and Economics, Faculty of Political Sciences and Economics, **Universitat Autònoma de Barcelona** (Spain)

September 2002 - November 2005, Bachelor - International and Diplomatic Sciences, Faculty of Political Sciences "Roberto Ruffilli", **University of Bologna** (Italy)

## Visiting research experiences as a graduate student

2014, Visiting Graduate Student - Graduate Workshop on Computational Social Science and Complexity, **Santa Fe Institute**, New Mexico (USA)

2013, Visiting Graduate Student at the Department of Economics and Economic History, **University of Salamanca**, (Spain)

## Skills

*Statistical & Computer programming:* (in iOS environment) R, Java (Repast Symphony), LSD, Apple script, Bash script, Atom, UML software, jEdit, C++ (beginner)

*Productivity applications:* LaTeX, BibTex, Office, OpenOffice, iWork, Blackboard, Moodle, WordPress (website design), Slack

*Versions control:* VCS (SVN), GitHub, GitLab, GitKraken

## Languages

Italian (mother tongue) | English (C1, Trinity College certificate) | Spanish (C1)

German (B2, Goethe Institut Zertificat) | French (B2) | Catalan (B2)

## Presentations and invited talks (selected - last 4 years)

### 2019

(invited talk) The role of finance in environmental innovation diffusion: an evolutionary modeling approach, Coupled climate-ecology-economy modeling and model hierarchies, The Mathematics of Climate and the Environment, **Institute Henri Poincaré**, Paris, December 2019

(invited talk) Extending the time horizon of the macroprudential toolbox, New Research Frontiers for Greening the Financial System INSPIRE workshop in association with GRASFI, **Oxford University - Queens College**, Oxford (UK), September 2019

(invited talk) Mind the gap! An analysis of prudential regulations to close the green finance gap and foster a low-carbon economic transition, **Central Banking and Sustainability Conference - A Roadmap to 2020**, London (UK), March 2019

(invited talk) Fostering green investments and tackling climate-related financial risks: which role for macroprudential policies?, Expert Roundtable: Macro-financial risks and climate change, **University College London**, London (UK), March 2019

Climate Finance, Innovation, and Green Preferences: An agent-based model study, ICTA - Institut de Ciència i Tecnologia Ambientals, **Universitat Autònoma de Barcelona**, Barcelona (Spain)

### 2018

Scaling up green finance: the role of central banks, **Deutsche Bundesbank**, Berlin (Germany)

Forum for Macroeconomics and Macroeconomic Policies Conference, **IMK-FMM**, Berlin (Germany)

Second Conference on Financial Networks and Sustainability, **University of Zurich**, Zürich (Switzerland)

### 2017

EAEPE International Conference, **Corvinus University**, Budapest (Hungary)

Finance and Economic Growth in the Aftermath of the Crisis, **University of Milan** (Italy)

WEHIA International Conference, 23th Annual Workshop on the Economic Science with Heterogeneous Interacting Agents, **Catholic University of Milan**, Milan (Italy)

### 2016

Duke Forest Conference, **Duke University**, Durham, North Carolina (USA)

GENED Annual Meeting, Faculty of Economics, **University of Bamberg** (Germany)

Towards a Better Understanding of Economic Dynamics. What Can We Expect from Complexity Economics and Non-Linear Business Cycle Models?, Faculty of Economics, **University of Hamburg** (Germany)

## Teaching experience

### Responsible of the course

- Summer Semester 2020 (external contract) **Leuphana Universität** (Germany), Complexity Economics (Bachelor)

- November 2019: **Università di Roma - Tor Vergata** (Italy), 4th IAERE School, Green and Climate finance (PhD)
- 2019-20: **Ruhr-Universität Bochum** (Germany), Green and Sustainable Finance (Master)
- Summer Semester 2019 (external contract) **Universität Siegen** (Germany), Spezielle Aspekte der Pluralen Makroökonomik, (Master)
- June 2018, **IMK Düsseldorf**, "Plurale Ökonomik" - Verhaltensorökonomik - Makroökonomik (Master)
- 2017, 2018, 2019, 2020 **Ruhr-Universität Bochum**, Macroeconomics I, (Master)
- 2017-18, 2018-19, 2019-20: **Ruhr-Universität Bochum**, Macroeconomics II, (Master)
- 2017-18: **Ruhr-Universität Bochum**, Complexity and Behavioral Macroeconomics (Master)
- 2017, 2018, 2019: **Ruhr-Universität Bochum**, Research in Advanced Macro (Bachelor and Master)

## Editorial activity

*Associate Editor*, **Eurasian Economic Review**, 2020

*Guest Editor* of the Topical Issue on Artificial Economics for the **Advances in Complex Systems journal**, 2017

## Referee activity

Economic Modelling; Journal of Economic Behavior and Organization; Journal of Evolutionary Economics; Nature Sustainability; Journal of Environmental Management; Journal of Economic Interaction and Coordination; International Journal of Sustainable Development; New Mathematics and Natural Computation; Journal of Artificial Societies and Social Simulation; Advances in Complex Systems, PlosOne.

## Organization of Scientific Events

2019, Co-chair (organizer) of the special session Tackling Climate change: eco-oriented behaviors and economic policies, Social Simulation Conference, Mainz Universität (Germany)

2016, Co-chair (organizer) and member of the scientific committee of 12th Artificial Economics Conference, Italian Council of National Research (CNR)-Rome (Italy)

2016, Organizer of the Summer School on Computational Methods and Simulation for Economics, Ruhr-Universität Bochum (Germany)

*Last update: August 2020*