

# Ghassane Benmir

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## Research Interests

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My **Primary** research interests include distributional macroeconomics, financial economics and asset pricing, environmental and climate change economics.

My **Secondary** research interests include applied econometrics, political economy, and public policy.

## Education

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<b>London School of Economics and Political Science – LSE</b>	London, UK
PhD. Essays in Macro-Finance and Climate Change	2023
MPhil & MSc in Economics – Environmental Economics	2020
<b>PSL Research University – <i>Université Paris Dauphine</i></b>	Paris, France
PhD. Essays in Macroeconomics	2023
PhD Summer School in Machine Learning for Economics and Finance	2021
MRes in Economics – Monetary Economics (Distinction, Valedictorian)	2017
Ex.MSc in Finance (High Honours, Salutatorian)	2016
MRes in Management – Strategy & Business Consulting	2014
<b>University of Chicago</b>	Illinois, US
Visiting Student (with): Prof. L. Hansen, Prof. E. Rossi-Hansberg, and Prof. F. Alvarez	2023
Macro Finance Research Program (MFR) 2022 Summer Session for Young Scholars	2022
<b>University of Oxford</b>	Oxford, UK
PhD Summer School in Advanced Macroeconomics	2020
<b><i>Università Commerciale Luigi Bocconi</i></b>	Milan, Italy
MSc Dual Program with Paris Dauphine: Economics	2017
<b><i>Institut Mines – Télécom</i> (Ex - <i>Institut National des Télécommunications</i>)</b>	Evry, France
MSc in Engineering of Information Systems: <i>Parcours Grande École</i>	2013
<b><i>Lycée Faidherbe</i></b>	Lille, France
<i>Classes préparatoires MP (Math/Physique) (~B.S.)</i>	2009
Two to three years intensive courses designed for entrance into top French Engineering and Business Schools (specialisation in mathematics & physics)	

## Teaching Experience

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<b>London School of Economics and Political Science – LSE</b>	London, UK
Teaching Fellow – Department of Economics	
September 2021 – Present	
<ul style="list-style-type: none"> <li>• Math for Micro and Macro (EC400) for Dr. Francesco Nava and Dr. Dmitry Mukhin (Michaelmas 2022)</li> <li>• Microeconomics (EC1A3) for Pr. Ronny Razin (Michaelmas 2021). Instructor Evaluation: 4.8/5</li> <li>• Macroeconomics (EC1B3) for Dr. Antonio Mele (Lent 2022). Instructor Evaluation: 4.7/5</li> <li>• Macroeconomics (EC1B5) for Dr. Rachel Ngai (Lent 2022). Instructor Evaluation: 4.7/5</li> </ul>	
September 2020 – September 2021	
<ul style="list-style-type: none"> <li>• Economics B - Micro (EC102) for Pr. Ronny Razin (Michaelmas 2020). Instructor Evaluation: 4.7/5</li> <li>• Economics B - Macro (EC102) for Dr. Antonio Mele (Lent 2021). Instructor Evaluation: 4.9/5</li> </ul>	

Graduate Teaching Assistant – Department of Economics  
September 2019 – September 2020

- Economics B - Micro (EC102) for Pr. Ronny Razin (Michaelmas 2019). Instructor Evaluation: 4.5/5
- Economics B - Macro (EC102) for Pr. Francesco Caselli (Lent 2020). Instructor Evaluation: 4.8/5

**PSL Research University – *Université Paris Dauphine***

Paris, France

Adjunct Lecturer – Department of Economics (MSO)

September 2020 – Present

- Econometrics II: Time Series (MSc Economics and Finance) (Michaelmas 2020). Instructor Evaluation: Excellent.

Graduate Teaching Assistant – Department of Mathematics (MIDO) and Department of Economics (LSO/MSO)  
January 2018 – June 2021

- Macroeconomics (BSc Mathematics) for Pr. Richard Dutu (Lent 2018, Lent 2019, Lent 2020, and Lent 2021). Instructor Evaluation (the 3 years average): Excellent.
- Introduction to Economics (BSc Economics) for Pr. Richard Dutu (Michaelmas 2019). Instructor Evaluation: Excellent.

**University College London – UCL**

London, UK

Graduate Teaching Assistant – Department of Economics

September 2020 – August 2021

- Economics of Financial Markets (ECON0001). Instructor Evaluation: 4.7/5

**Imperial Business School**

London, UK

Graduate Teaching Assistant – Department of Executive Education

February 2021 – April 2021

- Macroeconomics

## Working Papers

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G. Benmir, J. Roman, "The Net-Zero Distributional Costs: A Heterogeneous Agent Perspective" 2022 (JMP).

G. Benmir, I. Jaccard, G. Vermandel, "Optimal Monetary Policy in an Estimated SIR Model" 2022. (Revise and Resubmit: European Economic Review)

G. Benmir, J. Roman, L. Taschini "Weitzman Meets Taylor: ETS Futures Drivers and Smart Pricing Policy" 2022.

G. Benmir, J. Roman, "Endogenous Abatement Technology." 2021.

G. Benmir, "Macro-finance, Uncertainty, and Climate Change" 2021.

G. Benmir, I. Jaccard, G. Vermandel, "Green Asset Pricing." (Revise and Resubmit: The Journal of Finance.) ECB WP Series - No. 2477. 2020. »

G. Benmir, J. Roman, "Policy Interactions and the Transition to Clean Technology." Grantham Research Institute - LSE WP Series - 337. 2020. »

G. Benmir, "Underground Transportation and House Prices in Suburban Paris" 2019.

## Work in Progress

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G. Benmir, "r\* under the presence of the climate externality" 2022.

## Policy Papers

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G. Benmir, J. Roman, "Carbon taxes alone won't stop climate change." LSE Business Review. May 2020. »

G. Benmir, I. Jaccard, G. Vermandel, "A time-varying carbon tax to protect the environment while safeguarding the economy." VOXeu. 2021. »

## News Papers

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"Failure to Tackle Climate Change Suppresses Rates, ECB Study Says." Bloomberg. October 2020. »

## Books Chapter

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"Combatting Climate Change: A CEPR Collection." CEPR. November 2021. »

## Conferences Presentation

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2022: Institute for Mathematical and Statistical Innovation (University of Chicago), École Polytechnique Paris, Fed Board, UC Berkeley (ERG), IE University, University of Leipzig/IWH, GRI LSE, LSE Department of Economics Environment Week, Bank of Lithuania, University of Chicago – MFR, QCGBF King's College London Annual Conference (2022), Theories and Methods in Macro (T2M), The American Economic Association (ASSA) – (poster session), PSL Research Economics and Finance Seminar, European Institute on Economics and the Environment Seminar Series (EEIE).

2021: MIT (GCFP), The European Finance Association (EFA), The Central Bank Research Association (CEBRA), Money Macro and Finance Society (MMF), The European Association for Environmental and Resource Economics (EAERE), Computing in Economics and Finance (CEF), The Canadian Economic Association (CEA), The American Economic Association (ASSA), PSL Research Economics and Finance PhD Seminar, The Sustainable Macro Conference.

2020: The European Economic Association (EEA), Computing in Economics and Finance (CEF) – (Canceled), ECB Research Directorat - Monetary Policy Seminar Series, ECB International Directorat - Interantional Policy Seminar Series, LSE Macroeconomics PhD Seminar, LSE G&Y PhD Seminar.

## Referee Services

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Energy Economics, Journal of Environmental Economics and Management, The Scandinavian Journal of Economics, The Grantham Research Institute (LSE) Working Paper Series.

## Professional Experience

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**The European Central Bank - ECB Monetary Policy Research Directorate** Frankfurt, Germany  
Guest  
July 2022 and January 2020 – February 2020

**BMcR & Associates (consultancy group)** France, Morocco  
Senior Advisor  
January 2018 – September 2018

**Ernst & Young LLP** France, Canada, China, the Netherlands, Saudi Arabia, Singapore, South Africa  
Senior Consultant, EY Advisory  
October 2014 – February 2018

**Air France - KLM** France, the Netherlands and Hungary  
Strategy/Business Analyst, Finance & Economic Department  
September 2013 – October 2014

**BNP Paribas Corporate & Investment Banking (CIB)** Paris, France  
Junior Strategy Analyst, Strategic Management "Finance & Development"  
January 2013 – July 2013

**BNP Paribas Securities Services** Paris, France  
Junior Analyst, Financial Information Systems (FIS)  
July 2011 – January 2012

## Selected Awards

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- QCGBF Best Young Economist Prize Runner-up (2022) – (1000 pounds).
- LSE Department of Economics - Highly Commended Teaching Award (2022) – Amount undisclosed.
- The European Finance Association Best Paper Prize in Responsible Finance Award (2021) – 3000 euros.
- LSE Teaching Award - Nominated by students for both "Exceptional Teaching in an Unprecedented Year" and "Excellent Feedback and Communication" (2021).
- LSE Department of Economics - Excellence in Teaching Award (2021) – Amount undisclosed.
- EAERE - Young Scholar Grant (2021) – 1500 euros.
- LSE Department of Economics - Excellence in Teaching Award (2020) – Amount undisclosed.
- Grantham Research Institute on Climate Change and the Environment - LSE PhD Scholarship (2019-2023).
- PSL Research – University of Paris Dauphine Best MRes Economics Thesis (2017).
- PSL Research – University of Paris Dauphine MRes Economics Best Overall Performance (2017).
- Ministry of Higher Education & Scientific Research Graduates Honors Scholarship (2011-2014).
- *Institut Mines – Télécom* Graduates Honors Scholarship (for the academic year of 2010-2011).

## Skills

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### Languages

Arabic (native), French (native), English (bilingual), Spanish (basic)

### Programming

Econometrics: Matlab, Dynare, Python, R, Stata, SAS, ArgGIS.

Others: Excel advanced and VBA, Java, HTML, SQL.

### Project Management Certifications

Agile Scrum Master 1, ITIL v3 Foundation

### Additional Leadership

Keynote speaker for the Annual Program for African Leadership - LSE (Pfal) (2021-2022).

Mentoring for the Program for African Leadership - LSE (Pfal) (2020-2021).

Program host for LSE Destination (2020).

Program for African Leadership - LSE (Pfal) (2018-2019).

General Assembly Student's Representative Vice-President of 2014 Nobel Peace Prize Nominee Cité Internationale Universitaire de Paris "CIUP" (2012-2013).»

Committee President, Canadian House, CIUP (2011-2013).

## References (alphabetical order)

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**Professor Simon Dietz**

London School of Economics and Political Science  
Grantham Research Institute  
Houghton St, Holborn, London WC2A 2AE,  
United Kingdom

**Dr. Antonio Mele (Teaching)**

London School of Economics and Political Science  
Department of Economics  
Houghton St, Holborn, London WC2A 2AE,  
United Kingdom

**Professor Luca Taschini**

University of Edinburgh Business School  
Department of Finance  
29 Buccleuch Pl, Edinburgh EH8 9JS,  
United Kingdom

London School of Economics and Political Science  
Grantham Research Institute  
Houghton St, Holborn, London WC2A 2AE,  
United Kingdom

**Dr. Ivan Jaccard**

The European Central Bank (ECB)  
Research Directorate – Monetary Policy Department  
Sonnemannstrasse 20 (Main Building) 60314 Frankfurt  
Germany

**Professor Benjamin Moll**

London School of Economics and Political Science  
Department of Economics  
Houghton St, Holborn, London WC2A 2AE,  
United Kingdom

**Dr. Gauthier Vermandel**

École Polytechnique  
Department of Applied Mathematics  
Rte de Saclay, 91120 Palaiseau  
France

PSL Research University – Université Paris Dauphine  
Department of Economics  
Pl. du Maréchal de Lattre de Tassigny, 75016 Paris,  
France