

# Matthieu Bellon, Ph.D. in Economics

November 1, 2024

## CONTACT INFORMATION

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## PROFESSIONAL EXPERIENCE

**European Stability Mechanism**, Luxembourg, Luxembourg

*Senior Economist, Economic Risk Analysis*

**since 2023**

- Led the integration of climate risk in the ESM risk assessment framework (guidance, pilot notes)
- Monitored the French economy and economic spillovers, contributed to regular internal reports
- Led academic research, supervised junior colleagues in several analytical and policy projects

**International Monetary Fund**, Washington, DC, United States

*Economist, Fiscal Affairs Department*

**2018 - 2022**

- Contributed to the development of IMF policy recommendations on climate change adaptation
- Led fiscal discussions, incl. on the Covid crisis policy response, in the SBA program for Armenia
- Covered fiscal, social and energy sector issues in ECF program negotiations for Haiti
- Conducted research in collaboration with country authorities and experts, supervised interns
- Organized an IDB-IMF-SUNAT workshop on Electronic Invoicing and Data Analytics in Lima

*Economist, African Department*

**2016 - 2018**

- Covered real, external issues in ECF/EFF program negotiations and monitoring for Côte d'Ivoire
- Met with groups of private investors to present the IMF's perspective on the Ivoirien economy

**Columbia University**, New York, NY, United States

*Instructor, Teaching Assistant and Research Assistant*

**2010 - 2015**

- Designed and delivered syllabus, lectures, tests (undergraduate level) and assisted PhD courses

**Société Générale Corporate Investment Banking**, London, UK

*Intern, Capital Raising and Financing Department*

**Jan-Aug. 2009**

- Identified clients' needs and options to improve the costs and maturity profile of their liabilities
- Determined the price of liability swaps and bonds using trading data and quantitative models

**Banque de France**, Paris, France

*Intern, Balance of Payments Department*

**Jun-Dec. 2008**

- In-depth comparative study of France export performance relative to other OECD countries
- Leveraged study's results to propose improvements in the forecasts of international trade flows

## EDUCATION

**Columbia University**, New York, NY, United States

*PhD in Economics (specialization in International Trade and Macroeconomics)*

**2010 - 2016**

- Dissertation: "Essays in Economics on Liberalization and Reallocation"

**Paris School of Economics**, Paris, France

*Master of Science in Economics*

**2009 - 2010**

- Master thesis: "Unemployment, Labor Protection and Market Integration"

**Ecole Nationale de la Statistique et de l'Administration Economique**, Paris, France

*Diplôme d'ingénieur (specialization in Econometrics, Finance, Macroeconomics)*

**2006 - 2010**

- Master thesis: "A Macro-Analysis of Economic Development in China: the Dynamics of Regional Inequality" with V. Faubert, M. Lebrand, and G. Zéganadin

## PROGRAMMING

Stata, R, Matlab, Latex

## LANGUAGES

French (native), English (fluent), Spanish (conversational) and German (basic)

## VOLUNTEERING

*Mentor* for underprivileged students, *Board member* of Associations of Students

Refereeing: *Review of Economics and Statistics*, *Journal of International Economics*, *International Economics*, *Journal of Agricultural Economics*, *African Development Review*, *Climate Policy*, *Applied Economics Letters*.

- **Dangerous liaisons? Debt supply and convenience yield spillovers in the Euro area**, working paper, with C.Arcidiacono and M.Gnewuch, *ECMI's Best Paper Award*. **2024**
- **Estimating macro-fiscal effects of climate shocks from billions of geospatial weather observations**, *American Economic Journal: Macroeconomics* (forthcoming), IMF Working Paper No. 22/156 with B.Akyapi and E.Masseti **2022**
- **Digitalization and tax compliance spillovers: evidence from a VAT e-invoicing reform in Peru**, *Journal of Economic Behavior & Organization* 2023, IMF Working Paper No. 22/057 with J.Chang, E.Dabla-Norris, S.Khalid, J.C.Paliza and P.Villena **2022**
- **Climate change adaptation series: Economic principles for integrating adaptation into fiscal policy; Macro-fiscal implications of adaptation; Planning and mainstreaming adaptation in fiscal policy**; IMF Staff Climate Notes No. 22/001, 22/002, and 22/003 with E.Masseti **2022**
- **Fiscal policies to address climate change in Asia and the Pacific: opportunities and challenges**, IMF Departmental Paper No. 21/07 with E.Dabla-Norris, J.Daniel, M.Nozaki, C.Alonso, V.Balasundharam, C.Chen, D.Corvino, and J.Kilpatrick **2021**
- **The role of market structure and timing in determining VAT pass-through**, IMF Working Paper No. 21/61 with A.Copestake **2021**
- **Household consumption volatility and poverty risk: case studies from South Africa and Tanzania**, IMF Working Paper No. 20/51 with C.Pizzinelli and R.Perrelli **2020**
- **Digitalization to improve tax compliance: evidence from VAT e-invoicing in Peru**, *Journal of Public Economics* 2022, IMF Working Paper No. 19/231 and IMF Podcast with J.Chang, E.Dabla-Norris, S.Khalid, F.Lim, E.Rojas and P.Villena **2019**
- **Regional growth spillovers in sub-Saharan Africa**, IMF Working Paper No. 19/160 and IMF blog post with F.Arizala, M.Mlachila and M.MacDonald, *AFR department award* **2018**
- **Trade liberalization and inequality: a dynamic model with worker and firm heterogeneity**, working paper, *WTO Essay Award*. **2016**
- **The characteristics of worker flows by firm growth: evidence from a matched firm-worker dataset from France**, working paper, *Wueller Pre-Dissertation Award*. **2016**
- **Reallocation, industry structure and the effects of banking deregulation** working paper with J.Vogel and J.Nosal. **2016**

CONFERENCE  
PRESENTATIONS  
AND AWARDS

European Capital Markets Institute Best Paper Award, Brussels	2024
25th IWH-CIREQ-GW-BOKERI Macroeconometric Workshop, Halle (Germany)	2024
10th BdF-BoE-BdI International Macroeconomics Workshop, Paris	2024
Conference on Green Finance Research Advance, NGFS, Paris	2023
IMF Singapore RTI Webinar on Fiscal Policies for Climate Change Adaptation, Singapore	2021
8th International Workshop on Domestic Revenue Mobilization: "Taxation and digitalization", German Development Institute (DIE), Bonn	2019
Gates foundation grant supporting research on VAT electronic invoicing reform in Peru	2018
IMF African department award in recognition for exceptional contributions	2018
USC Dornsife INET's Conference on Inequality, Globalization, and Macroeconomics, L.A.	2017
5th IMF- World Bank - WTO Trade Research Workshop, Washington	2016
European Trade Study Group, 18th Annual Conference, Helsinki	2016
World Trade Organization Essay Award for Young Economists	2016
Dissertation Fellowship, Department of Economics, Columbia University	2015 - 2016
CREST (the Center for Research in Economics and Statistics) visiting student, Paris	2014 - 2016
Faculty Fellowship, Department of Economics, Columbia University	2010 - 2015
Chazen Institute of International Business Doctoral Research Grant	2014
Program for Economic Research Grant, Columbia University	2014
Wueller Pre-Dissertation Award for Best Proposal by a 4th-Year Student, runner-up, Department of Economics, Columbia University	2014
Wueller Teaching Award, runner-up, Department of Economics, Columbia University	2013