

Matthieu Bellon, Ph.D. in Economics

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| CONTACT INFORMATION | Email: m.bellon@esm.europa.eu; mbellon@imf.org Mobile: +352 621 297 202 | matthieubellon.com |
| PROFESSIONAL EXPERIENCE | <hr/> European Stability Mechanism , Luxembourg, Luxembourg <i>Senior Economist, Economic Risk Analysis</i> since 2023 <ul style="list-style-type: none">• 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 <hr/> International Monetary Fund , Washington, DC, United States <i>Economist, Fiscal Affairs Department</i> 2018 - 2022 <ul style="list-style-type: none">• 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 <hr/> <i>Economist, African Department</i> 2016 - 2018 <ul style="list-style-type: none">• 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 <hr/> Columbia University , New York, NY, United States <i>Instructor, Teaching Assistant and Research Assistant</i> 2010 - 2015 <ul style="list-style-type: none">• Designed and delivered syllabus, lectures, tests (undergraduate level) and assisted PhD courses <hr/> Société Générale Corporate Investment Banking , London, UK <i>Intern, Capital Raising and Financing Department</i> Jan-Aug. 2009 <ul style="list-style-type: none">• 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 <hr/> Banque de France , Paris, France <i>Intern, Balance of Payments Department</i> Jun-Dec. 2008 <ul style="list-style-type: none">• 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 <hr/> | |
| EDUCATION | <hr/> Columbia University , New York, NY, United States <i>PhD in Economics (specialization in International Trade and Macroeconomics)</i> 2010 - 2016 <ul style="list-style-type: none">• Dissertation: "Essays in Economics on Liberalization and Reallocation" <hr/> Paris School of Economics , Paris, France <i>Master of Science in Economics</i> 2009 - 2010 <ul style="list-style-type: none">• Master thesis: "Unemployment, Labor Protection and Market Integration" <hr/> Ecole Nationale de la Statistique et de l'Administration Economique , Paris, France <i>Diplôme d'ingénieur (specialization in Econometrics, Finance, Macroeconomics)</i> 2006 - 2010 <ul style="list-style-type: none">• Master thesis: "A Macro-Analysis of Economic Development in China: the Dynamics of Regional Inequality" with V. Faubert, M. Lebrand, and G. Zéganadin <hr/> | |
| PROGRAMMING LANGUAGES | Stata, R, Matlab, Latex | |
| VOLUNTEERING | French (native), English (fluent), Spanish (conversational) and German (basic) <i>Mentor</i> for underprivileged students, <i>Board member</i> 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*.

Papers:

- **Dangerous liaisons? Debt supply and convenience yield spillovers in the Euro area**, working paper, with C.Arcidiacono and M.Gnewuch. **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

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| 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, University of South California, Los Angeles | 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 |