

Arthur Stalla-Bourdillon

Curriculum Vitae

CONTACT

Address : 31 rue Croix des Petits Champs, 75001, Paris, France

Phone : +33630374076

Mail : arthur.stalla-bourdillon@banque-france.fr

This CV : November 2023

EDUCATION

Université Paris Dauphine

PhD in Finance

Paris, France

Sept. 2018 – Nov. 2022

- Title : *Systemic Risk Analysis from Financial Market Inefficiencies*
- Supervisor : G. le Fol

Paris School of Economics

Master Analysis and Policy in Economics, summa cum laude

Paris, France

Sept. 2016 – May 2017

- Thesis : *Estimating Forward Guidance Effects through Sign and Zero Restricted SVAR*
- Supervisor : F. Bilbiie

HEC Paris

Master Grande École

Paris, France

Sept. 2012 – May 2016

- Specialization : *Master in Economics, École Polytechnique, summa cum laude*
- Dual degree : Bachelor in History, Université Paris - Sorbonne, *summa cum laude*
- Academic exchange : Mannheim Universität, Germany

PROFESSIONAL EXPERIENCE

Economist

Banque de France, International macroeconomics division

Paris, France

Jul. 2021 – Today

- Development of commodity markets and global inflation monitoring tools
- Analyses on commodity derivative markets
- Macro-financial modelling (financial contagion, macro-forecasting)

Banque de France, Financial stability directorate

Sept. 2017 – Jul. 2021

- Development of systemic risk indicator : Diebold-Yilmaz, Δ CoVaR, GaR, CISS
- Analyses on equity valuations, financial interconnections, sovereign ratings
- Participation to financial stability report writing (ERS)

Research intern

Banque de France, Financial stability directorate

Paris, France

Apr. 2016 – Sept. 2016

- Building of a database on mortgage credit (RMBS)
- Estimation of SVAR-models on real estate credit restrictions

Research intern

Euler Hermes

Paris, France

Janv. 2015 – Juill. 2015

- Writing of publications for the economic research department
- Participation to the macroeconomic forecasts

Trainee journalist

L'Expansion

Paris, France

Aug. 2014 – Dec. 2014

- Writing of article on French GDP growth, European retirement systems...

AWARDS

Af2i Young Researcher Award

For research projects on natural gas derivative markets

May 2023

École Polytechnique Research Internship Award

For the paper : *How do Macroprudential Measures could affect Real Estate Markets and the Economy?*

Sept. 2016

RESEARCH

Published Papers

Macroeconomic Forecasting using Filtered Signals from a Stock Market Cross Section

- [Journal of International Money and Finance, 2022](#)
- With N. Chatelais, Banque de France, M. Chinn, University of Wisconsin-Madison

Forecasting Sovereign Risk in the Euro Area via Machine Learning

- [Journal of Forecasting, 2022](#)
- With G. Belly, M.C. Caicedo Graciano, K. Istrefi, Banque de France, L. Boeckelmann, ECB, A. Di Iorio, Banca d'Italia, V. Siakoulis, Banque de Grèce

Working Papers

Environmental Preferences and Sector Valuation

- [SSRN Working Paper, 2023](#)
- With T. Jourde, Banque de France

Stock Return Predictability: comparing Macro- and Micro-Approaches

- [BdF Working Paper, 2022](#)

Structural estimation of time-varying spillovers : An application to international credit risk transmission

- [BdF Working Paper, 2020](#)
- With L. Boeckelmann, ECB

Ongoing work

Physical and Financial Fragmentation in European Natural Gas Derivative Market

- With H. Dastarac, Banque de France

Identifying fundamental shocks on the European natural gas market

- With M.-A. Buquet, ENSAE Paris

Institutional Publications

China has reduced its energy bill thanks to Russian oil discounts

- [Blog Banque de France, 2023](#)
- With K. Ishii and C. Macaire, Banque de France

Dynamics and Implications of the Recent Rise in Wheat Prices

- [Blog Banque de France, 2022](#)
- With R. Rajesh, Reserve Bank of India, P. Vertier, T. Lemaire and A. Le Metayer, Banque de France

Is there a bubble in “green” equities?

- [Blog Banque de France, 2021](#)
- With T. Jourde, Banque de France

What are the factors behind current high stock market valuations?

- [Blog Banque de France, 2020](#)
- With N. Chatelais, Banque de France

SEMINARS AND CONFERENCES

2023

- 24th IWH Workshop: Commodity Prices and Macroeconomic Developments (Halle, Germany, poster and discutant)
- Conference on Climate and Energy Finance (Hannover, Germany)
- 71st Congress of the French Economic Association (Paris, France)
- 16th Financial Risks International Forum (Paris, France, discutant)

2022

- ILB Scientific Sessions: From Financial Markets to the Real Economy (online)
- 3rd Financial Economics Meeting (Paris, France)
- 2022 International Conference of the French Finance Association (Saint-Malo, France)
- 2022 RCEA conference on Recent Developments in Economics, Econometrics and Finance (online)
- 15th Financial Risks International Forum (Paris, France, discutant)

2021

- PSE-BDF Chair International Macroeconomics 2nd Internal Workshop (Paris, France)
- PANORisk Conference 2021 (Le Mans, France)
- 4th Annual Dauphine Finance PhD Workshop (Paris, France, discutant)
- Université Paris Dauphine, PhD seminar (Paris, France)

2020

- Banque de France seminar (Paris, France)
- Banque de France - PSE Internal Workshop (Paris, France)
- Université Paris Dauphine, PhD seminar (Paris, France)
- 12th Annual Hedge Fund Research Conference (Paris, France, poster)

2019

- DIW Berlin, Macroeconometric Workshop (Berlin, Allemagne)
- Université Paris Dauphine, PhD seminar (Paris, France)
- Banque de France, PhD seminar (Paris, France)
- Workshop ANR Multirisk (Florence, Italy)
- Banque de France - PSE Internal Workshop (Paris, France)

TEACHING

2020

Université Paris Dauphine

Sept. 2020 – Dec. 2020

- Teaching assistant: Financial econometrics (Graduate)

LANGUAGE AND IT SKILLS

Languages

- French (mother tongue), English (fluent), German (intermediary)

Software

- RStudio, R Markdown, Matlab, Stata, Python, Bloomberg, Git, LaTeX, Pack Office