Charlie JOYEZ

[redacted]
Email: charlie.joyez@univ-cotedazur.fr

Born: 01/10/1991 (Washington, DC)
U.S. & French citizen

Current Position

February 2026

Since Sept. 2019 — **ASSOCIATE PROFESSOR IN ECONOMICS**. (MAÎTRE DE CONFÉRENCES).
Université Côte d'Azur, GREDEG–CNRS, Nice, France

Research: Multinational Firms; Global Value Chains; Network Analysis; Complexity & Structural upgrading.

Teaching:

- **PhD:** International Trade (English-taught).
- **Master's:** Countries Competitiveness (English-taught)
- **Undergraduate:** Microeconomics; Macroeconomics; International Trade; Data Mining ; Network Analaysis.

Since 2023 — **HEAD OF UNDERGRADUATE STUDIES IN ECONOMICS AND MANAGEMENT**. (EUR ELMI).
Université Côte d'Azur, Nice, France

Service: Lead & Coordinate a 3-year bachelor program (600+ students; 50+ faculty).

Education and Certificates

2018 — **QUALIFICATION** TO PERMANENT POSITION (CNU, ECONOMICS SECTION).
French National Council of Universities.

2017 — **PHD IN ECONOMICS**. UNIVERSITÉ PARIS-DAUPHINE (PSL), PARIS, FRANCE.
Title: *Heterogeneous Firms and Foreign Direct Investment Strategies.* Supervisor: E. M. Mouhoud.
Thesis committee: Flora Bellone (Univ. Nice), Grégory Corcos (Ecole Polytechnique), Jörn Kleinert (Graz Universität), Jean-Marc Siroën (Univ. Paris-Dauphine)

2013 — **MSC IN INTERNATIONAL ECONOMICS AND DEVELOPMENT**. UNIVERSITÉ PARIS-DAUPHINE, PARIS, FRANCE.
With Honors (rank: 3rd). Thesis: "Brazilian exports sophistication and inter-states" (J.-M. Siroën).

2011 — **BACHELOR IN ECONOMICS & SOCIAL SCIENCES**. UNIVERSITÉ PARIS-DAUPHINE, PARIS, FRANCE.

Publications

2026 — Joyez, C. "Connectivity and Contagion: How Industry Networks Shape the Transmission of Shocks in Global Value Chains." *International Economics*, 185, 100666. doi:10.1016/j.inteco.2025.100666.

2025 — Joyez, C. "Robustness with Adaptation: Ownership Networks of Multinationals through COVID-19." *Network Science*, 13, e23. doi:10.1017/nws.2025.10020.

2022 — Joyez, C. & Laffineur, C. "The occupation space: network structure, centrality and the potential of labor mobility in the French labor market." *Applied Network Science*, 7(1), 1–20.

2017 — Joyez, C. "On the topological structure of multinationals network." *Physica A: Statistical Mechanics and its Applications*, 473, 578–588.

Non-academic Publications

2026 — Joyez, C. & Bellone, F. *Mesures anti-évitement fiscal : quel bilan dix ans après le plan d'action de l'OCDE ?* The Conversation France.

- FDI strategies of French SMEs and mid-sized firms (ETIs).

2025 — Joyez, C. *Le déficit commercial entre les États-Unis et l'Union européenne : un déséquilibre plus structurel qu'il n'y paraît. The Conversation France.* Link.

- On the value-added trade deficit between the U.S. and the EU.

2017 — Joyez, C. *Actif stratégique et internationalisation des entreprises*, in *Les PME à la conquête du monde*, BPIfrance.

- Determinants of SMEs' foreign direct investment strategies.

Working Papers

1 — Joyez, C. "A New Index of Export–Import Proximity: Conceptual Foundations and Global Patterns" (*GREDEG Working Papers* No. 2026-02).

- Under Review at *Review of International Economics* (Feb. 2026)

2 — Joyez, C., Laffineur, C., & Kali, R. "Occupational Coherence and Local Labor Market Performance: Evidence from France." *GREDEG Working Papers* No. 2023-20.

- Revise & Resubmit at *Journal of Economic Geography* (Feb. 2026).

3 — Joyez, C. "COMPLEXITY: A Generalized Approach in Stata for Specialization Complexity Indices."

- Under review at *The Stata Journal* (July 2025).

4 — Bellone, F., Joyez, C., Poulet, & Poulet-Goffard. "Tax avoidance by small multinationals as a side effect of anti-tax avoidance policy." *GREDEG Working Papers* 2026–04.

5 — Joyez, C. "Learning from Imports: Trade Proximity as Absorptive Capability and Structural Upgrading."

Software Packages Developed (Selection)

COMPLEXITY — Joyez, C. (2019). "COMPLEXITY: Stata module providing generalized approach for specialization complexity indices and relatedness metrics." Statistical Software Components S458689, Boston College Department of Economics (revised 25 Jun 2025).

SYMBIONET — Joyez, C. & Von Jacobi, N. (2025). "SYMBIONET: Stata module to build a symbiotic (or symmetric) correlation network from a list of variables", Statistical Software Components S459424, Boston College Department of Economics.

NWRECIPROCITY — Joyez, C. 2016. "NWRECIPROCITY: Stata module to calculate reciprocity metrics for (weighted) directed networks," Statistical Software Components S458263, Boston College Department of Economics.

Conferences and Seminars

Member of Organizational Boards and Committees. .

July 2024	**Chair of session on *Analysis of Economic Networks* at INSNA Sunbelt Conference** .Edinburgh, Scotland
Nov. 2023	**Local Committee Chair of *Complex Network 2023*** .Menton, France
Oct. 2023	**General Chair of *Network in Trade and Finance* conference** . . Université Côte d'Azur, France
May 2023	**Program Committee of *French Regional Conference on Complex Systems* (FRCCS 2023)**.Le Havre, France
Since 2020	**Board Forum Numerica**. Seminar Series. Université Côte d'Azur, France

Presenter.

Network Science and Economics (2026 Miami, USA)
European Trade Study Group (2025 Milan, 2018 Warsaw, 2015 Paris, 2014 Munich)
Stata Conferences (Marseille, 2026; Bruxelles 2018)
International Network for Social Network Analysis (2024, Edinburgh)
Network Science (2023, Vienna)
French Economics Association annual meeting (2018 Orléans, 2023 Paris)
Scottish Network Analysis Seminar Series, Heriot-Watt University, Scotland, 2024; **DISEI seminar**, Università degli studi di Firenze, Italy (2019); **GATE seminar**, Université de Saint-Etienne (2019); **LEDa seminar**, Paris-Dauphine, (2017).

Teaching Experience

Since 2019

Université Côte d'Azur, Nice, France (200 hours/year)

- **PhD:** International Trade (English-taught). One PhD co-supervision.
- **Master's:** Countries' Competitiveness (English-taught); Network Analysis (English-taught). Master's theses supervisions.
- **Undergraduates:** Microeconomics; Macroeconomics; Geographic Economics; International Trade (English-taught); Data Mining; Network Analysis.

Since 2021

Institut Stanislas, Nice, France

- **CPGE:** Preparatory Class for the Grandes Écoles, D1 Track – Economics (micro & macro).

Previously

Université Paris-Dauphine (PSL) (2014–2017): Globalization & Firms' Strategies (Undergraduates).
Sciences Po Paris (PSIA) (2015–2017): Applied Econometrics (English-taught, Masters)
Sciences Po Paris (Menton) (2018-2019): Introductory Macroeconomics (Undergraduates)
SKEMA Business School (2018): Macroeconomics; Growth; International Trade (English-taught, Undergraduates).

Foreign Invitations

- **University of Montenegro**, Podgorica, Montenegro (2023; 2025):
- **Victoria Internationale Hochschule**, Berlin, Germany (2024):
- **Università di Firenze**, Florence, Italy (2019)
- **South China Normal University**, Guangzhou, China (2024; 2026)

Languages

French	Native.
English	Fluent (10+ years professional use).
Spanish	Working proficiency (1 year in Madrid; 6 years study).
Portuguese	Beginner (UFRJ internship 3 months, Rio de Janeiro, Brazil).

Statistical Softwares and Programming Languages

Stata / Mata	Highly proficient. Over 10 user-written programs developed using Stata and Mata (Stata's matrix algebra programing language)
R	Teaching Proficiency for econometrics / network analysis
Python	Working proficiency