

MARC-ANTOINE FAURE

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19 Avenue Secrétan, 75019, Paris

EDUCATION

Paris-Dauphine University / Ecole des Hautes Etudes en Sciences Sociales

M.A in Economics and Social Sciences (*Research Track*).

2019 - 2022

Highest Honours

Master's thesis: 'The Economic Geography of the European Container Network'.

Under the supervision of **César Ducruet**.

Paris-Dauphine University

B. Sc. Applied Economics: International Economics

2016-2019

Honours

Lycée Giocante de Casabianca

High School

Physics, Chemistry, Biology, Mathematics.

2013-2016

Highest Honours

RESEARCH FIELDS

Primary: Regional Economics, Transport Economics.

Secondary: Economic History, Applied Network Science.

PUBLICATIONS

Amdaoud, M., Ducruet, C., and Faure, M. A. (2022). The mutual specialization of port and urban functions: the case of France. *Papers in Regional Science* 1-22.

WORKING PAPERS

Amdaoud, M., Ducruet, C., and Faure, M. A. (2021). Port-city linkages and multi-level hinterlands: the case of France (No. 2021-29). University of Paris Nanterre, *EconomiX*.

OTHER WORKS

Faure, M. A., and Guillou, S. (2020). The parachute of public bailout to save a falling airline industry [Le parachute du renflouement public au secours d'un secteur aérien en chute libre], Post-Print hal-03202200, HAL.

Faure, M. A. (2020). Neo-institutional theory: a multidisciplinary approach to organisations [Théorie néo-institutionnelle: une approche pluridisciplinaire des organisations]. *Oeconomicus.fr*.

WORK IN PROGRESS

Cluster detection and evolution in dynamic maritime networks.

With César Ducruet (CNRS, *EconomiX*), Rémi Boutin, Charles Bouveyron and Pierre Latouche (MAP5, Université de Paris).

We study the European maritime network over the period 1977-2016, in which we seek to detect communities and explain the formation (and evolution) of links between ports. To this end, we implement a dynamic stochastic block model. (The underlying model being that of Corneli, Latouche and Rossi (2016)).

RESEARCH EXPERIENCES

Università degli Studi di Genova

Economics Departement

Genoa, Italy

April-May 2022

- Research stay.
- Working on the links between regional economic development and maritime activity.
- Host: Prof. Anna Bottasso.

National Centre for Scientific Research, CNRS

EconomiX, Laboratory of Applied and Theoretical Economics

Nanterre, France

March 2021-August 2021

- Economist Intern.
- Spatial and quantitative analysis of maritime flows (using AIS data from Marine Traffic and employment data).
- Data cleaning, factor analysis, mapping and spatial econometrics.
- Under the supervision of Prof. César Ducruet.

Sciences Po Paris

OFCE - Division of Innovation and Competition Economics

Paris, France

September 2020-March 2021

- Economist Intern.
- Quantitative and political analyses of the public and private research in France during the last 20 years.
- Report on the state of public research in France between 2000 and 2020.
- Under the supervision of Dr. Sarah Guillou.

SEMINARS & CONFERENCES

International Geographical Union

Joint with César Ducruet and Rémi Boutin

July 2022

The Evolution of Maritime Networks.

Sciences Po - OFCE 'Lunch Seminar'

Joint with Sarah Guillou and Evens Salies

September 2021

The Impact of COVID-19 on R&D in France.

FELLOWSHIPS & AWARDS

Paris Sciences et Lettres

Competitive research grant for international research mobility (2000€).

2021-2022

PROFESSIONAL EXPERIENCES

Kyrn'Economics

Co-founder

Paris, France

Since November 2021

- Economic analyses of the competitive and productive environment of Corsica and the Mediterranean.
- Data analysis, web-scraping, popularisation of scientific papers on Island/Mediterranean economics.
- Main themes : Transport Economics, Competition and Public Economics.

Assemblée Nationale (French National Parliament)

June 2019-August 2019

Paris, France

- Parliamentary Assistant.
- Economic analyses, Political analyses and advises, Writing of amendments.

Tempi Rivista

Co-founder

Paris, France

Since March 2018

- Journal in Corsican language, dealing with economy, culture and international politics.
- Managing a team of 20 editors.
- Articles on the microeconomics and competition economics of island economies.

SKILLS

Programming skills:

Python (Econometrics, Text Mining), R (Econometrics, Cartography, Network Analysis), STATA, Matlab (Econometrics), Julia (beginner), LaTeX.

Technical Skills:

Econometrics (Spatial Models, Macroeconometrics, Causal Microeconometrics), Quantitative Social Sciences, Cartography, Network Science (Complex Network Analysis, Model-Based Clustering, Random-Graph Models).

Extracurriculars:

Football, Reading, Swimming.

Languages:

English (C1), Italian (C1), French (Native), Corsican (C2).