Thomas DELEMOTTE

Economist

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Experiences

Government administration

2021- .. **French Treasury**, *Economist*, Paris.

Deputy Head of Unit: Labor Market and Employment Policies. *Rapporteur* of the Minimum Wage committee.
Advice Minister's cabinet and International Organisation (IMF, OECD, EU) requests on Employment Policies.
Policy recommendation, Policy brief, Forecast, Cost analysis, Data collection and processing (R, Excel, Stata).
Rapporteur of the Minimum Wage Experts Committee: meetings with social partners and international representatives.

Academic research

2019- .. **Institut des Politiques Publiques**, *Affiliate*, Paris.

joint unit with *Paris School of Economics* and *Institut Polytechnique de Paris*.
Public policy evaluation, Writing of policy briefs and Dissemination of scientific research.

2018- 2021 **Center for Research in Economics and Statistics**, *Young Researcher*, Paris.

joint unit with *Ecole Polytechnique, ENSAE, INSEE* and *CNRS*.
Research activities on Urban Labor, Transports and Firm Dynamics.
Data processing (R, QGIS), Economic modelling, Econometrics (Stata), Publication and Presentation.

2017 **Università Bocconi**, *Research Assistant*, Milan.

Department of Finance, Exchange rate pass-through on local activities
Data gathering and processing (customs and firm level), Literature review, Economic theory.

Engineering

2016 **Société Générale**, *Research and Development, Intern*, Robo Advisor, Paris.

2015 **AnimaCité**, *Start-up inception:*, Digital solutions for public consultations, Paris and Montreal.

2014 **Zodiac Aerospace**, *Engineer, Intern*, Wireless Sensor Network, Munich.

Education

Initial

2018-2022 **Ph.D. Economics**, *École Polytechnique* and *ENSAE*, Urban Labor, Transports, Firm Dynamics
Advisors: Francis Kramarz and Benoit Schmutz. Follow-up committee: Isabelle Méjean and Roland Rathelot.

2016-2018 **M.Res. Economics**, *École Polytechnique* and *ENSAE*, Macroeconomics, Microeconomics, Econometrics.

2015-2016 **M.Sc. Quantitative Finance**, *Université Lorraine & Mines Nancy*, Stochastic process, Time series, Finance.

2013-2016 **M.Sc. Data Science**, *Télécom SudParis*, Mathematics, Computer Science, Management.

Visitings

2019 **Stanford University**, Institute for Theoretical Economics: *Global Income Dynamics*, invited by Luigi Pistaferri.

2019 **University of Oxford**, Informal visiting: *Spatial Firm Dynamics*, invited by Gabriel Ulyssea.

Research

Book

The Employment and the Territory, with Francis Kramarz and Benoit Schmutz **Sciences Po Press**, *May 2021*

Best Book Award by the French Economics Association (AFSE)

Peer-reviewed publication

- *Inequality and Earnings Dynamics in France: National Policies and Local Consequences*

with Francis Kramarz and Elio Nimier-David, part of the GID Project. **Quantitative Economics**, 2022.

- *The Determinants of the Yellow Vests Movement*

with Pierre Boyer, Germain Gauthier, Vincent Rollet and Benoit Schmutz. **Revue Economique**, 2020

- *Mobilization without Consolidation: Social Media and the Yellow Vests Protests*

with Pierre Boyer, Germain Gauthier, Vincent Rollet and Benoit Schmutz. **Submited**. CEPR Discussion Paper, 2020

- *Railway, Highway and the Suburban Metropolis* with Corentin Trevien. In progress.

Outreach

Mass-Transit in French Cities?
Le Monde, Op-ed. November 2020

Facebook and the Round-About
Le Monde, Op-ed. November 2019

The Territory of the Gilets Jaunes
Institut des Politiques Publiques, April 2019

Skills

Data Science	Stata, R, VBA, SAS	Data Base	MySQL, Oracle (SQL)
Programing	C/C++	Other	QGIS, Unix, HTML/CSS, FTP/SSH
Languages	French: Native		German: Fluent
	English: Fluent		Spanish: Beginner

Data

Firms Survey: FICUS/FARE, *INSEE, secured data (access with the CASD).*
- French firm's balance sheet, collected on a yearly bases, with firms' financial situation and labor force.

Match employer-employees data: DADS, *INSEE, secured data (access with the CASD).*
- Data base on employees in France, yearly bases, with localisation (at the city level) and employer information.

***Parisian RER*: Mass Transit Topography**, *from 1969 to 2013*, Own collection.
- Raw-data: Stations and Lines (GIS) + Yearly panel of Travel Times (shortest-path algorithm)

***Gilets jaunes*: Social Protest Cartography**, *Facebook, Change.org and Web sites, Own collection*.
- Data collected and localised on the Yellow Vests protest in France (Novembre and December 2018)

Open Access.
- Housing Prices (France, 2014-2018), Votes (France), Census, GIS.

Teaching Assistant

2018-2020	**Institut Polytechnique de Paris**, *Ecole Polytechnique - ENSAE ParisTech.*
	Graduate courses

- Econometrics 1 (with Xavier D'Haultfoeuille, 2019-20)
- Microeconomics 1 (with Philippe Choné, 2019-20)
- Macroeconomics 1 (with Olivier Loisel, 2018-9)
  Preparatory courses
- Microeconomics (with Laurent Linnemer, 2019)
- Introductory Programing and Statistics (with Marco Cuturi, 2018-9)
- Introductory Microeconomics (with Thibaud Vergé, 2018-9)

2017	**Université de Paris**, *Faculté Descartes.*
	B.A. Economics

- Quantitative tools for Economics and Management.

Fellowships

Associations and Events

WG: Labor and Mobility *CREST* Informal presentations of papers	WG: Economics in the XXIst century With students from Parisian econ institutions
Microeconometrics Seminar Logistic and Coordination	Debate association: AGORA Guests: T. PIketty, P. Aghion, M. Aglietta ..

References