Germain Gauthier

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Department of Social and Political Sciences
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Research Interests

Topics: Political Economy, Public Economics
Methods: Econometrics, Machine Learning, Deep Learning

Affiliations

CESifo Munich (*Economics of Digitization*)
IGIER & DONDENA (*AI and Society Initiative (DAISI), AXA Gender Lab*)

Positions

Assistant Professor of Economics, Bocconi University   Sept. 2023 – present
    Department of Social and Political Sciences

Postdoctoral Researcher, ETH Zürich   Mar. – Aug. 2023
    Law, Economics, and Data Science Group

Visitings

Paris School of Economics   Mar. – Apr. 2026
    Department of Economics

University of Lugano   Jan. 2026
    Department of Economics

ETH Zürich   2020 / 2022
    Center for Data Science, Law and Economics

Education

Ph.D. in Economics, Ecole Polytechnique   Sept. 2018– Aug. 2023
    Center for Research in Economics and Statistics (CREST)
    Advisor: Alessandro Riboni

M.Sc. Analysis and Policy in Economics, Paris School of Economics   2017-2018

M.Sc. Quantitative Economics, HEC Paris   2013–2017

B.A. Philosophy, Université La Sorbonne   2013-2014

Publications

1. **Relatio: Text Semantics Capture Political and Economic Narratives**, with Elliott Ash and Philine Widmer (2023) *Political Analysis*, 32.1 (2024): 115-132.

2. **Les déterminants de la mobilisation des Gilets jaunes**, Boyer, P. C., Delemotte, T., Gauthier, G., Rollet, V., & Schmutz, B. (2020) *Revue économique*, 71(1), 109-138.

Current Research

3. **The Political Effects of $\mathbb{X}$'s Feed Algorithm** (*Accepted at Nature*)
   (with Roland Hodler, Philine Widmer, and Ekaterina Zhuravskaya)

4. **Measuring Crime Reporting and Incidence: Method & Application to #MeToo** (*under review*)

5. **The Lifecycle of Protests in the Digital Age** (*under review*)
   (with Pierre Boyer, Yves Le Yaouanq, Vincent Rollet, and Benoît Schmutz)

6. **Cycling through Elections: The Political Consequences of the Tour de France** (*under review*)
   (with Ala Alrababah, Maelle Delouis-Jost and Adam Polak)

7. **Artificial Inequality: Large Language Models Disadvantage Women Job Seekers** (*under review*)
   (with Kenza Elass, Debora Nozza, and Paola Profeta)

8. **Deep Latent Factor Models**
   (with Philine Widmer and Elliott Ash)

9. **The Neural Ideal Point Model**
   (with Hugo Subtil and Philine Widmer)

Software

1. `DeepLatent` – A Python package to estimate deep latent factor models.

2. `relatio` – A Python package to extract narrative statements from texts.

Teaching

Lectures

Diversity and Global Policy, Bocconi	2023 – present
Undergraduate Public Finance, Bocconi	2023 – present
Text as Data for the Social Sciences (with Philine Widmer), LMU München	2022, 2023
Summer Institute in Computational Social Science, Paris	2022
Co-organizer of the event with Etienne Ollion (PI) and Félix Lennert	
Lectures on "Text as Data for the Social Sciences."	
Introduction to Working with Stata, M.Sc. Ecole Polytechnique	2020

Teaching Assistance

Econometrics, M.Sc. Ecole Polytechnique	2019
Econometrics, M.Sc. ENSAE	2018
Introduction to Economics, B.Sc. Ecole Polytechnique	2018, 2019
Macroeconomics, B.Sc. ENSAE	2018

Professional Service

- Co-organizer of the *DONDENA AI and Society Initiative (DAISI)*

    - DAISI workshops (past keynotes: Stephen Hansen, Julia Cagé, Brandon Stewart)
    - AI and Society Conference (keynote: Sendhil Mullainathan)

- Member of the scientific committee for the *Monitoring Democracy (MoDe)* quarterly survey

- Member of the *Equal Opportunities Committee* at Bocconi

- Referee for *The American Economic Review*, *The Economic Journal*, *Political Analysis*, *The European Journal of Political Economy*

- Referee for the book *Machine Learning for Econometrics (by Jeremy L'Hour and Christophe Gaillac)*

- Replication analyst for *Economic Policy* (2022/2023)

Grants & Awards

Bocconi Innovation in Teaching Award	2024
Swiss National Sciences Foundation (SNSF) Grant (300K CHF)	2023–2026
PI: Roland Hodler	
Project: Political Polarization and Algorithms	
Swiss National Sciences Foundation (SNSF) Grant (100K CHF)	2020
PI: Elliott Ash	
Project: Mining Narratives From Large Text Corpora	
Laboratoire d'Excellence Ph.D. Grant	2018–2023
Project: Essays in Political Economy	

Policy Briefs and Media Columns

1. Dazi, l'83% degli italiani teme una possibile guerra commerciale, *Corriere della sera*, July 2025

2. The Impact of #MeToo on Sex Crimes, April 2024

3. Vers une hybridation des mouvements sociaux et des réseaux sociaux ? L'exemple des "Gilets jaunes", *Blog IPP*, juillet 2020, with Thomas Delemotte, Germain Gauthier, Vincent Rollet et Benoît Schmutz.

4. Le territoire des gilets jaunes, *Note IPP* n° 39, Avril 2019, with Pierre Boyer, Thomas Delemotte, Vincent Rollet & Benoit Schmutz

5. Entre Facebook et le rond-point, "la double originalité du mouvement des gilets jaunes", *Le Monde*, Novembre 2019, with Pierre Boyer, Thomas Delemotte, Vincent Rollet & Benoit Schmutz

6. Fiscal consolidation episodes in OECD countries: the role of tax compliance and fiscal space, *Bulletin de la Banque de France*, no. 45, Spring 2017, with Francesco Pappadà & Laurent Ferrara.

Conferences and Presentations

Northwestern University, University of Milan, Collegio Carlo Alberto, Université Paris-Dauphine, Polmeth Europe, Comptext, URPP Conference on Gender Issues in Education and the Labor Market, CEPR Workshop on Media, Technology, Politics, and Society, Venice Summer Institute Workshop on Digital Platforms, SPS Conference, Summer Institute on Computational Social Sciences (SICSS) at Lake Como	2025
Winter School in Behavioral Economics and Experimental Research, Bocconi, ETH Zürich, ENS Lyon Advanced Methods Workshop, SPS Conference	2024
HEC Lausanne, Bocconi, University of Warwick, LMU München, Sciences Po, Erasmus University, University of St. Gallen, Institutional and Organizational Economics Academy	2023
Webinaire Economie Politique Francophone, University of St. Gallen, SICSS Paris, Transatlantic Workshop on the Economics of Crime, ETH Zürich, University of Zürich, CREST	2022
ETH Zürich, Swiss Society of Economics and Statistics, Polmeth Europe, Polmeth US, Monash-Warwick-Zurich Conference, CREST	2021
Comptext, Université Paris-Nanterre, Paris School of Economics	2020
SICSS Zürich, Monash-Warwick-Zurich Conference, CREST	2019

Languages

French, English, German, Python, R, Stata

References

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Elliott Ash

ETH Zürich

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