

# HUGO ALLOUARD

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## CURRENT POSITION

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**Post-Doctoral Researcher at ESSEC Business School** 2023 - ongoing  
I am part of the [BlaBlaModes](#) project, funded by ADEME, that aims to study and promote medium-long multi-modal transportation

## RESEARCH INTERESTS

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Digital Economics, IO, Platforms, Structural Econometrics, Applied Microeconometrics, Transportation, Smart Mobility, Gig-Economy, Labor Economics, Privacy

## EDUCATION

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**PhD in Economics** - Université Paris-Saclay 2024  
*Three Essays in Digital Economics: Privacy, Regulation & Labor Markets*

Supervisors: José De Sousa (Université Panthéon-Assas) and Grazia Cecere (Institut Mines-Télécom, Business School)

Referees: Camille Hémet (Paris School of Economics) and Ulrich Laitenberger (Tilburg University)

Examiners: Alexandre De Cornière (Toulouse School of Economics), Philippe Gagnepain (Paris School of Economics), Antonio Russo (Institut Mines-Télécom, Business School) and Marianne Verdier (Université Panthéon-Assas)

**Master in Economics** 2019  
ENSAE, Ecole Polytechnique, HEC Paris, ENS Paris-Saclay, Université Paris-Saclay  
*Specialization in public policy evaluation, with high honors*

**Bachelor in Applied Economics** 2017  
Université Paris-Saclay  
*Promoted as valedictorian, with highest honors*

## PAST PROFESSIONAL EXPERIENCES

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**Lecturer**, Institut Mines-Telecom - Business School 2022 - 2023

**Visiting Researcher** at KU Leuven, *with Mattia Nardotto* 2021 - 2022  
*1 year in the department of Management, Strategy and Innovation (MSI)*

**Research Assistant** in Digital Economics, Université Paris-Saclay 2016 - 2019  
*Under the supervision of Grazia Cecere*

### **Product Quality, Consumer Data and Privacy Discrimination in Competitive Markets** [\[PDF\]](#)

Abstract: This paper studies consumer privacy sensitivity and the impact of developers' inability to set different data collection policies across countries on surpluses and privacy in the mobile app industry. By developing and estimating a structural dynamic game model, the findings reveal that consumer privacy sensitivity is higher than previously reported in the literature. Additionally, US consumers are less privacy-sensitive than their European counterparts. Empirical evidences also suggest that the US market is more profitable for developers than the European market. As a result, when developers cannot adjust their data collection policies across countries, they tend to prioritize collecting consumer data, as the profit gains in the US outweigh the losses in Europe. Through counterfactual analysis, I demonstrate that a regulation enforcing privacy discrimination in data collection across countries would increase consumer surplus and privacy in European countries. However, this regulation would have the opposite effect in the US. This paper aims to inform policymakers about the implications of non-discriminatory data collection policies, particularly in markets with privacy-sensitive consumers.

### **Deliver Us from Crime ? Online Platforms, Gig Jobs, and Offending** [\[PDF\]](#)

*with Grazia Cecere (Institut Mines Telecom), José De Sousa (Université Panthéon-Assas), Olivier Marie (Erasmus University Rotterdam) and Inès Picard (CREST).*

Abstract: We investigate the impact of the rise of on-demand food delivery platforms on local employment and crime rates, leveraging the temporal and geographic disparities in their introduction in France. Our staggered difference-in-differences approach reveals that the arrival of a delivery platform in an employment area increases job opportunities for unqualified jobs, as evidenced by a rise in registered riders. This increase in employment opportunities concurrently leads to a large reduction in drug-related crimes. These results indicate that the gig economy fosters employment opportunities for low-skilled workers, youth, and migrants, facilitating their engagement in lawful economic activities.

## RESEARCH PROJECTS

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### **Reallocation of Carpooling Supply**

*with Xavier Lambin (ESSEC Business School)*

Abstract: Empirical evidences show large heterogeneity in the supply-demand ratio of carpooling in France. Inhabitants in rural areas depicts higher preferences for carpooling while relatively less supplied than in urban areas, leading to an inefficient matching between supply and demand. This project builds an estimate a structural model of demand, supply and routes in order to simulate counterfactual policies to enhance supply reallocation and matching efficiency, and to estimate effects on consumer, supply and firm surpluses but also to measure it environmental effect.

### **Social Interactions in the Sharing Economy**

*with Xavier Lambin (ESSEC Business School) and Pinar Yildirim (Wharton School)*

Abstract: This project studies the effect of social interaction and social composition on individuals preferences in the sharing economy. Using a unique dataset on carpools, we aim to exploit exogenous variations on the number of passengers and their characteristics to asses individual preferences in subsequent carpooling choices. Findings will be highly relevant to understand the forming preferences and to promote public transport.

## TEACHING

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Lecturer	<b>Microeconomics</b> , Graduate, ESSEC Business School, English, 24h	2024 - 2025
Tutor	<b>IO</b> , Graduate, Institut Mines-Telecom BS, French, 18h/year	2018 - 2024
Supervisor	<b>Master thesis</b> , Graduate, Université and ENS Paris-Saclay	2023 - 2024
Lecturer	<b>Microeconomics</b> , Undergraduate, Institut Mines-Telecom BS, French, 48h	2022 - 2023
Lecturer	<b>Business Economics</b> , Graduate, Institut Mines-Telecom BS, French, 24h	2022 - 2023
Tutor	<b>Data Management R</b> , Undergraduate, Université Paris-Saclay, French, 15h/year	2020 - 2022
Tutor	<b>Econometrics</b> , Graduate, Institut Mines-Telecom BS, French, 20h/year	2020 - 2022
Lecturer	<b>Office tools: Excel</b> , Undergraduate, Institut Mines-Telecom BS, French, 12h	2019 - 2020
Tutor	<b>Macroeconomics</b> , Undergraduate, Université Paris-Saclay, French, 30h	2018 - 2019

## CONFERENCES AND SEMINARS

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Junior Workshop ENS Lyon, Lyon	2024
CESifo Area Conference on Economics of Digitization, Munich	2024
NBER Summer Institute, Boston	2024
PSE/ESSEC Workshop: Platforms, Mobility and the Sharing Economy (Discussant), La Défense	2024
EARIE, Rome	2023
Royal Economic Society (RES) Annual Conference, Glasgow	2023
AFREN Ecole d'été du Numérique (3EN), Palaiseau	2022
ADRES, Paris	2022
Young Economist Seminar Institut Mines-Telecom, Palaiseau	2021
EARIE, Bergen	2021
AFREN Ecole d'été du Numérique (3EN), La Rochelle	2020
Young Economist Seminar Institut Mines-Telecom, Palaiseau	2020

## PROJECTS SUBMITTED

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**Submission** of a proposal in response to the [ANR call](#) "*Digitalisation et Décarbonation des Mobilités*" (Digitalisation and Decarbonisation of Mobility)

## RELATION WITH INSTITUTIONS AND COMPANIES

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**Member** of the [BlaBlaModes](#) project

*Participation in regular meetings and seminars with BlaBlaCar, along with frequent exchanges between our research and its potential application by BlaBlaCar. BlaBlaCar also shares internal data with us.*

**Discussions** with UberEats and the sharing of their data with us.

## REFEREE SERVICE

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Revue d'économie industrielle

## ACADEMIC SERVICES

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<b>Jury member</b> of engineering school oral admissions at Institut Mines-Telecom	2022 - 2023
<b>Coordinator</b> of the microeconomic course at Institut Mines-Telecom Business School	2022 - 2023

## MISCELLANEOUS

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**Programming language:** Python, R, Stata, Latex

**Languages:** English: Fluent, French: Native

## REFERENCES

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Prof. Ulrich Laitenberger  
Tilburg University  
[U.M.Laitenberger@tilburguniversity.edu](mailto:U.M.Laitenberger@tilburguniversity.edu)

Prof. Xavier Lambin  
ESSEC Business School  
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Prof. Grazia Cecere  
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[grazia.cecere@imt-bs.eu](mailto:grazia.cecere@imt-bs.eu)

Prof. José De Sousa  
Université Panthéon-Assas  
[jose.de-sousa@u-paris2.fr](mailto:jose.de-sousa@u-paris2.fr)