

Isac Antonio OLAVE CRUZ

Associate Professor - Maître de Conférences



🏛️ University of Rouen Normandy – LERN

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Research topics

Regulation economics, urban economics, transportation and energy economics, digital economics, industrial organization, public management, and applied economics

Current professional status

University of Rouen Normandy, since Sept. 2025

Associate Professor (*Maître de Conférences*)

Education

Université Paris Dauphine | PSL – PhD in Management

2020-2024

Thesis: The Integration of Digital Mobility Platforms in Multi-modal Transport Systems

Supervisor: Eric Brousseau

Jury: Christophe Benavent (Univ. Paris Dauphine), Carine Staropoli (Univ. Rouen-Normandie), Wilfried Sand-Zantman (ESSEC BS), Stéphanie Souche-Le Corvec (Univ. De Lyon), Juan Montero Pascual (Robert Schuman Center)

Paris School of Economics – Master in Analysis and Policy Economics

2018-2020

Instituto Tecnológico Autónomo de México – Master in Economics

2013-2014

Universidad de las Américas Puebla – Bachelor in Physics

2006-2011

Professional experience

NEOMA Business School – Postdoctoral researcher

2024-2025

Université Paris Dauphine | PSL – Attaché temporaire d'enseignement et de recherche

2023-2024

Banco de México (The Central Bank of Mexico) – Analyst

2015-2018

Instituto Tecnológico Autónomo de México – Research Assistant

2013-2014

Publications and scientific production

Publications:

- Does Carpooling Reduce Carbon Emissions? The Effect of Environmental Policies in France (w/ Maïté Stephan, Alexandre Volle, and Dianzhuo Zhu) *Environmental & Resource Economics*, Feb. 2025
- Harmonizing Dockless E-scooters: Insights from Paris (w/ Eric Brousseau, Etienne Côme, and Nicolas Coulombel) *Transportation Research Part A: Policy and Practice*, Dec. 2025

Submission:

- Default Energy Sharing Rule: The Case of France (w/ Julien Jacqmin and Marco Gazel), Submitted to *Energy Policy*, Aug. 2025

Working papers:

- Contract Shifting vs Contract Splitting in Public Procurement (w/ Juan Ivars), 2025
- Simple Auctions to Boost Green Public Procurement: Evidence from Colombia (w/ Carine Staropoli), 2024
- Pooled, not Scrambled! Harmonizing Digital Mobility Platforms (w/ Eric Brousseau), 2025
- Fire Bikes to the Rescue! Bike-Sharing and Public Transport Substitution, 2025
- The Geography of Carpooling (w/ Vladimir Avetian and Dianzhuo Zhu), 2025
- Sharing Rules in Renewable Energy Communities: Abstracted Practice vs. Applied Theory (w/ Marco Gazel and Julien Jacqmin), 2025

Research outreach

Invited talks

10th Organizational Economics Workshop (University of California-Berkeley - University of Padua - Sorbonne Business School) Padova, Italy, May 2025, *Invité par Riccardo Camboni, Edoardo Grillo, and Paola Valbonesi* • Journée de recherche, Conservatoire National des Arts et Métiers, Dec. 2024, *Invité par Stéphane Bourliataux-Lajoinie* • Journée de conférences sur les transports urbains, CRC Auvergne-Rhône-Alpes, Nov. 2023, *Invité par Guillaume Monchambert* • Journée d'Etudes Artimon - IAE Paris : la transformation digitale des territoires, July 2022, *Invité par Simon Porcher*

International conferences:

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| • 73rd Congress of the French Economic Association (<i>ENS Paris-Saclay, Paris, France</i>) | June 2025 |
| • 14th European Meeting of the Urban Economics Association (<i>Humboldt University, Berlin, Germany</i>) | March 2025 |
| • International Association on Regulation & Governance: Regulatory Governance in a Changing World (<i>UPenn, Philadelphia, United States</i>) | June 2024 |
| • 21st Institutional and Organizational Economics Academy – IOEA (<i>Corsica, France</i>) | May 2024 |
| • International Transportation Economics Association Annual Conference - ITEA (<i>Universidad de Cantabria, Santander, Spain</i>) | June 2023 |
| • 20th IOEA (<i>Corsica, France</i>) | May 2023 |
| • ITEA Annual Conference (<i>ENAC and TBS, Toulouse, France</i>) | June 2022 |
| • 19th IOEA (<i>Corsica, France</i>) | May 2022 |

National conferences:

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| • Conférence inaugurale Association Française d'Economie des Transports (<i>PSE, Paris, France</i>) | Nov. 2023 |
| • Conférence annuelle Association Française d'Economie du Droit (<i>Université de Bourgogne-Franche-Comté, Besançon, France</i>) | Oct. 2021 |

Online conferences:

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| • Réseau Electromobilité Légère Urbaine et Extra-urbaine (<i>Université Gustave Eiffel</i>) | June 2022 |
| • International Conference on Mobility Challenges (<i>Université Paris-Saclay</i>) | Dec. 2021 |
| • 38th Annual Conference of the European Association of Law and Economics (<i>Universitat Pompeu Fabra and Barcelona Graduate School of Economics</i>) | Sept. 2021 |

Poster presentations:

- European Association for Research in Transportation - hEART (*KU Leuven, Leuven, Belgium*) June 2022

Presentations in seminars and working groups:

- Seminar: Chaire Gouvernance et Régulation, *twice a year* 2020 - 2025
- Working group: Transport, Energie et Climat, *twice a year* 2020 - 2025
- Working group: Digital Regulation, *once a year*
- Seminar: Management et Régulation, *once a year* 2022 - 2025
- Seminar: Management et Organisations, *once a year* 2020 - 2021
- Atelier doctoral en économie des organisations (*IAE Paris Sorbonne*) Dec. 2024

Summer schools:

- European Association for Research in Transportation (*KU Leuven, Leuven, Belgium*), 2022
- International Transportation Economics Association (*Sapienza, online*), 2021

Referee in scientific journals

Les Cahiers Scientifiques du Transport (Scientific Papers in Transportation)

Teaching**University of Rouen Normandy (2025 – 2026)**

Bachelor	<i>Principles of economics</i>	Lecture 25hr/yr	2025 - 2026	French
Bachelor	<i>Econometrics</i>	Lecture 15hr/yr	2025 - 2026	French
Bachelor	<i>Public economics</i>	Lecture 25hr/yr	2025 - 2026	French
Bachelor	<i>Geographical economics</i>	Lecture 16hr/yr	2025 - 2026	English
Bachelor	<i>Applied numerical methods</i>	Tutorial 15hr/yr	2025 - 2026	French
Master	<i>Economics of the energy transition</i>	Lecture 14hr/yr	2025 - 2026	French

Paris School of Economics

Master	<i>Econometrics & Data Analysis</i>	Tutorial 17hr/yr	2025-2026	English
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Paris Dauphine University | PSL

Master	<i>Advance econometrics</i>	Lecture 32hr/yr	2023 - 2025	English
Master	<i>Advance econometrics</i>	Tutorial 12hr/yr	2022 - 2023	English
Master	<i>Tuteur pédagogique</i>	Lecture 32hr/yr	2023 - 2025	French

Instituto Tecnológico Autónomo de México

Master	<i>Spatial economics</i>	Lecture 54hr/yr	2023 - 2024	Spanish
Bachelor	<i>Intermediate microeconomics</i>	Lecture 54hr/yr	2014 - 2018	Spanish
Bachelor	<i>Energy economics</i>	Tutorial 16hr/yr	2016 - 2017	Spanish

Master's thesis supervision:

- Majdouline Seddati, Paris Dauphine University | PSL, 2023 - 2024
- Boudhen Jihane, Paris Dauphine University | PSL, 2023 - 2024

Administrative responsibilities**Organization of conference, seminars and working groups**

- Internal seminar of the Chair of Governance and Regulation, 2022 - 2025
- PhD-Help (Université Paris Dauphine | PSL), 2024 - 2025
- 3e National Congress of Physics and Mathematics UDLAP, 2007 - 2008

Other responsibilities as coordinator

- GovReg Pedia, 2023 – 2025, *unpublished*
- Elected President of the Student Council of UDLAP for Physics and Mathematics and of the American Physical Society, 2008

Awards and scholarships

2015 Academic excellence award Pedro Aspe, ITAM
2014 Scholarship for academic excellence, ITAM
2006 Scholarship Sciences and Arts, UDLAP

Language and computing

Languages: Spanish (native), English (fluent), French (fluent)

Computing: R, Stata, Latex, ArcGIS, QGIS, and Python