

MARTIAL TONIOTTI

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CORE/LIDAM, Voie du Roman Pays 34 - 1348 Louvain-La-Neuve, Belgium

RESEARCH FIELDS

Primary field: Energy Economics

Secondary fields: Econometrics, Public Economics

DOCTORAL STUDIES

- **UCLouvain**, PhD
Title: *Investments in renewable energy sources using portfolio optimization*
December 2021 - Present
Supervisor: Sébastien Van Belleghem
- **Pontificia Universidad Católica de Chile**
Visiting Student Researcher
Spring 2025
Sponsor: Ernesto San Martín

PREDOCTORAL STUDIES

- **UCLouvain**, Master in Economics, Econometrics Focus *Suma Cum Laude* 2019-2021
- **UNamur**, Bachelor in Business engineering *Cum Laude* 2016-2019

PUBLICATIONS

2024 *Que rapporterait une taxe sur le patrimoine en Belgique ?*
How much revenue would a wealth tax generate in Belgium?
Regards Economiques, 184 ([french](#))

WORK IN PROGRESS

Technology and space specific auction for public procurement of CfDs using Portfolio Optimization

What is the impact of Light-saving time on energy prices ?

Cost reduction in Balancing using LASSO-model time-series forecasting (with *Jacques Cartuyvels*)

TALKS

- 2025 Benelux Association of Energy Economist Phd Workshops in Energy Systems (**UCLouvain**)
- 2024 European Doctoral Program in Quantitative Economics Jamboree (**Universitat Pompeu Fabra**)
Young Energy Economist and Engineers Seminar (**KULeuven**)
- 2023 Spring Doctoral Workshop (**UCLouvain**)
Phairywind PhD days (**UGent**)

TEACHING EXPERIENCE

- Graduate TA
Advanced Econometrics I (2022-2025)
Applied Econometrics: Time-Series (2022-2025)
Advanced Microeconomics II : Game Theory and Mechanism Design (2022-2023)
- Undergraduate TA
Industrial Organization (2022-2024)
Economie Politique (*French*, 2022-2025)
- Tutoring
Microéconomie (*French*, 2018)

INSTITUTIONAL COMMITMENT

2023 Vice-president of the Scientific Staff, **UCLouvain**

MISCELLANEOUS

Languages French (mother tongue), English (C1), Dutch (B2), Spanish (A2)