

Konrad Dierks

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Current Position

PhD student at Toulouse School of Economics

Advisor: Christian Gollier

Research interests

Main: renewable energy and storage for the electricity grid

Secondary: political economics, optimization and numerical methods

Education

ongoing	PhD in Economics, Toulouse School of Economics
Sept. 2022 - August 2023	MRes in Economics (second year of the PhD programme)
Sept. 2021 - August 2022	Master in Economic Theory and Econometrics (first year of the PhD programme, very good)
Sept. 2019 - August 2021	Master in Advanced Mathematics at ENS de Lyon (France), probability theory and statistics track, degree: Master's degree (good)
Feb. 2018 - July 2018	Semester abroad at Università degli Studi di Firenze in Florence (Italy) with the Erasmus+ programme
2015 - March 2019	Bachelor in Mathematics (minor: Economics) at Technische Universität Dresden (Germany), degree: Bachelor's degree (very good)

Professional Experience and Research Internships

April 2021 - July 2021	Research internship, topic: stochastic control applied to distributed control of water heaters, CMAP (École Polytechnique, France), supervisor: Nizar Touzi
May 2020 - June 2020	Research internship, title: "Random Spanning Forests, Random Walks and their connection to Spin Systems", Institut Camille Jordan (Université Lyon 1, France), supervisor: Christophe Sabot
April 2019 - August 2019	Student job at Fraunhofer Institut for traffic and infrastructure systems (IVI) in Dresden (Germany), competences: Python programming, applied statistics, optimal control

Teaching

2025	TA for Mathematics, first year Licence in Economics and Business, TSE, in French
2024	TA for Probability and Statistics, third year Licence in Economics, TSE, in French
2022, 2023	TA for Microeconomics, third year Licence in Economics, Economics and Mathematics, TSE, in English and French
2017, 2018	TA for Linear Algebra, first year Bachelor in Mathematics, TU Dresden, in German

Conference Talks

- 2025 Interdisciplinary PhD Workshop in Sustainable Development at Columbia University (New York City, on Zoom); QMUL Economics and Finance PhD Workshop (London); ENTER Jamboree at SSE (Stockholm); EAERE Annual Conference (Bergen); FAERE Annual Conference (Nantes)
- 2024 EEA-ESEM Congress (Rotterdam); Economic Science Association European Meeting (Helsinki)

Other Talks

- 2026 EDF (Paris, TSE-EDF cooperation)
- 2025 ENTER Exchange Seminar at UAB (Barcelona); University of Leipzig Lunchtime Seminar for PhD students

Summer Schools

- 2024 AMSE Summer School on “Discounting, Risk and the Environment” (Marseille)
- 2023 Columbia Alliance Summer School on Sustainable Development (Paris)

Languages

German (native), English (fluent), French (fluent), Italian (fluent), Spanish (beginner)

IT and Programming Skills

Advanced: Python, LaTeX, Linux

Basic: R, Fortran, Javascript and Matlab