

Nicholas Rounding

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Education

Maastricht University - Research Centre for Education and Labour Markets (ROA) Nov 2021 – Nov 2025

PhD Candidate in Economics

- Working Title: *How do new technologies affect the working world?*

University of Sussex - Science Policy Research Unit Sep 2020 – Sep 2021

MSc Sustainable Development, Distinction

University of Dundee Sep 2012 – Jun 2016

BA Politics, 2:1

Research Statement

My research explores how emerging technologies, particularly artificial intelligence, are reshaping work, skills, and labour demand. I use observational, experimental and quasi-experimental methods to study AI's impact in diverse settings such as customer service, manufacturing, and healthcare. My work combines quantitative and qualitative approaches, and aims to inform both academic debates and policy decisions on the future of work and technology adoption.

Professional Experience

Postdoctoral Researcher, ROA, Maastricht University – Maastricht, NL Nov 2025 – Present

Technical Applications Analyst, Castleton Technology – Birmingham, UK Nov 2018 – Sep 2020

Applications Analyst, Advanced – Birmingham, UK Jul 2016 – Nov 2018

Publications & Pre-Prints

- Fouarge et al (2026), How AI-Augmented Training Improves Worker Productivity, IZA Discussion Paper, [URL](#) [R&R at *American Economic Journal: Applied*]
- Rounding et al (2025), Impact of LLM Assistance on Physicians Decision Making, medRxiv, [URL](#) [R&R at *npj Digital Medicine*]
- Fregin et al (2025), *Experiences with experimental research: Lessons Learned from a co-creative research project on AI effects in companies*, ROA External Reports, [URL](#)
- Dijkman et al (2024), *Artificial Intelligence in the Workplace: How AI-Supported Training Changes Customer Service Conversations*, IAB Forums Bericht, [DOI: 10.48720/IAB.FOO.20241008.01](#)
- Fleck, Ozgul & Rounding (2023), *Artificial Intelligence in hiring: friend or foe*, ROA External Reports [URL](#)

Ongoing Research

- AI Adoption and Productivity: Evidence from plant-level data with Marie-Christine Fregin, Didier Fouarge, Pelin Ozgul [Target journal: *Research Policy*]
- Technological Substitution of Low Wage Work: Evidence from Germany [Job Market Paper. Target journal: *Labour Economics*]

Presentations

ESPE Conference, Naples, Italy 2025

AI and the Future of Work Conference, Philadelphia, USA 2025

Atlanta Conference on Science and Innovation Policy, Atlanta, USA 2025

Learning & Work Seminar, Maastricht University, Netherlands 2025

ai:conomics Policy Conference, Berlin, Germany 2024

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| BIBB-IAB-ROA Conference, Nuremberg, Germany | 2024 |
| PhD Conference, Maastricht University, Netherlands | 2024 |
| Fast Forward Leadership Program, Maastricht University, Netherlands | 2024 |
| SBE Science Slam, Maastricht University | 2024 |
| IAB PhD Workshop, Nuremberg, Germany | 2023 |
| Eu-SPRI Conference, Brighton, England | 2023 |

Courses & Research Stays

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| AI for Science, Technology, Innovation and Policy Winter School, University of Manchester | 2023 |
| Research Stay, IAB, Germany | 2023 |
| Fall Seminar in Computational Social Sciences, GESIS, Germany | 2022 |
| Economics of Strategy & Innovation, Maastricht University/KU Leuven | 2022 |
| Research Strategy, Maastricht University | 2022 |
| Research Stay, IAB, Germany | 2022 |

Grants

- The Big Unknown project - A Journey into Generative AI's Transformative Effect on Professions, starting with Medical Practitioners, Co-Applicant, *Global Partnership on Artificial Intelligence (GPAI)*, €160.000
- The Big Unknown project - A Journey into Generative AI's Transformative Effect on Professions, starting with Medical Practitioners, Co-Applicant, *UM-BIC Interdisciplinary Seeding Grant*, €5.000

Teaching

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| Business & Politics in the EU, Maastricht University | 2022 |
| Guest Lecture, Catholic University of Eichstaett-Ingolstadt | 2022 |

Research Community Activities

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| Organiser ROA Internal Seminar Series | 2023 - Present |
| Organiser and Participant: Workshop on AGI in Higher Education, MINDS Network | 2025 |
| Project Lead: The Big Unknown project – A Journey into Generative AI's Transformative Effect on Professions, starting with Medical Practitioners | 2024 |
| Maastricht University SBE PhD Committee Member | 2023 |
| Organised & Hosted SBE Science Slam | 2023 |
| Maastricht University SBE PhD Committee Member | 2022-2024 |

Skills

Software

- **Advanced:** Stata, SQL, Large Language Models, Microsoft Office, Latex
- **Proficient:** Linux/Unix shell, R, Python, Qualtrics

Languages

- English (native), Dutch (A2), German (A1)