

Mantej Pardesi

Maastricht, NL | mantej.pardesi@maastrichtuniversity.nl | [Website](#) | [ORCID](#) | [Google Scholar](#)

PROFILE

I am an applied economist working at the intersection of technological change, labour and education policy. Currently, I study the role of intra-firm diffusion of artificial intelligence technologies on work and collaboration patterns. I combine a socially conscious mindset with a data-centric research ethic, using advanced and novel causal inference methods to forward the academic discourse. I am a committed and high performance educator with experience across EU, UN agencies, and academic institutions across multiple countries.

RESEARCH INTERESTS

- Technology adoption, innovation processes and creative destruction
- School-to-work transition, skill development (technical and vocational training)
- Superstar firms, market competition and productivity gaps
- *Other*: Informal economy, economics of health and development

EDUCATION

Maastricht University | ROA | BIBB

PhD Candidate in Economics

Maastricht, NL

Jan 2022 - Dec 2025

Maastricht University | UNU-MERIT

*MSc Public Policy, Specialized in Social Protection Policy, **Cum Laude***

Maastricht, NL

Sep 2018 - Aug 2019

University of Amsterdam

*MSc Economics, Specialized in International Economics, **Distinction***

Amsterdam, NL

Sep 2017 - Aug 2018

University of Delhi

*B.A.(Hons) Economics, **Distinction***

Delhi, IN

Aug 2014 - Jun 2017

ACADEMIC APPOINTMENTS

Post Doctoral Researcher

Maastricht University

March 2026 - Dec 2026

Maastricht, NL

- *Topic*: Impact of intra-firm LLM diffusion and work (re-)organization, collaboration, performance and employee experience
- *Responsibilities*: Designing conceptual framework, survey, analysis plans, quantitative analysis and science communication.

PhD Researcher

Maastricht University

Jan 2022 - Dec 2025

Maastricht, NL

- *Research Question*: How does technology-led productivity gains influence firms' skill formation strategies for technical and vocational skills?
- *Supervisors*: Prof. Dr. Frank Cörvers (ROA, Maastricht University) , Prof. Dr. Harald Pfeifer (ROA, Maastricht University; BIBB, Germany)
- *Teaching*: Labor Market Statistics, Development Economics, Institutional Economics, Bachelor and Master Thesis Supervision (Average teaching evaluation: 9.3/10)

Visiting Post Graduate Researcher

University of Surrey

March 2025 – May 2025

Guildford, UK

- *Hosted by:* Prof. Dr. Sandra McNally (CEP - LSE, University of Surrey)
- *Activities:* Conducted own research in collaboration with Prof. McNally. Paper presentations in internal seminars at the Department of Economics, University of Surrey, and, Center for Economic Performance, London School of Economics

Lecturer

Maastricht University

Oct 2019 – Dec 2021

Maastricht, NL

- Teaching/Tutoring Economics courses in **Microeconomics, International & Development Economics, Behavioral Economics, History of Economic Thought, Philosophy of Science and Mathematical Economics**
- Coordination of course design and course planning, grading and exams
- Average teaching evaluation: 9.2/10

JOURNAL PUBLICATIONS

- A comparative analysis on the social determinants of COVID-19 vaccination coverage in fragile and conflict affected settings (FCS) and non-fragile and conflict affected settings.
International Journal of Health Policy and Management, 2023, 12(1), 1-9.
with Sanjay Pattanshetty & Nachiket Gudi

WORKING PAPERS AND POLICY BRIEFS

- Artificial Intelligence in Firms: A Synthesis of Micro-Level Evidence on Productivity, Work, and Skills.
ROA Policy Brief, 2026, Maastricht University. DOI: 10.26481/umarpb.2026002E
- Productivity Convergence and Firm's Training Strategy.
ROA Research Memorandum, 2024, Maastricht University. DOI : 10.26481/umaror.2024003
Revise and Resubmit *German Journal of Human Resource Management*
- Career Consequences of Training at a Frontier Firm (Work-in-Progress)
Expected Submission June 2026
- Technology Spikes and Skill Formation Adjustment (*Job Market Paper*).
Swiss Leading House "Economics of Education" Working Paper No. 249, 2025 [Link](#)
- PhD Dissertation : The Economics of Skill Formation in Firms: Technology, Vocational Training and Worker Careers
Submission December 2025

CONFERENCE PRESENTATIONS

- 2026** Erasmus University of Rotterdam (Colloquium on Personnel Economics 2026), Netherlands
International Workshop on Applied Economics of Education (IWAE), Catanzaro, Italy
International Association of Applied Econometrics (IAAE 2026), Lisbon, Portugal (Accepted)
University of Bern (Leading House Conference on the Economics of VET), Switzerland
European Association of Labor Economics Conference 2026, Barcelona, Spain
- 2025** London School of Economics (CEP Education Conference 2025), United Kingdom
WeLaR Conference 2025, Brussels, Belgium
Queen Mary University London (Junior Research Day 2025), United Kingdom
Society for the Advancement of Socio-Economics (SASE) Conference 2025, Montreal, Canada
LISER (Tasks VII Conference 2025), Luxembourg
BIBB-IAB-ROA Workshop 2025, Bonn, Germany
University of Bergamo (VET4Growth Workshop 2025), Italy
University of Padova (23rd Brucchi Luchino Labor Economics Workshop), Italy

2024 University of Zurich (Leading House Conference on the Economics of VET), Switzerland
International Workshop on Applied Economics of Education (IWAE), Catanzaro, Italy
Maastricht University (MORSE Conference), Netherlands
BIBB-IAB-ROA Workshop 2024, Nuremberg, Germany
University College London, UK (5th Edition of Junior Research Day) (Accepted)
European Association of Labor Economics Conference 2024, Bergen, Norway (Accepted)

2023 University of Agder (GI-NI Conference), Norway
Maastricht University (MORSE Conference), Netherlands
BIBB-IAB-ROA Workshop 2023, Maastricht, Netherlands
LISER (*Skills for the future* Conference), Luxembourg

CONFERENCE ORGANIZED

- Maastricht University, Netherlands (BIBB-IAB-ROA Workshop 2023)
- Federal Employment Agency (IAB), Germany (BIBB-IAB-ROA Workshop 2024)
- Federal Institute for Vocational Education and Training (BIBB), Germany (BIBB-IAB-ROA Workshop 2025)

GRANTS AND FELLOWSHIPS

- *PhD Scholarship*, Maastricht University and *BIBB*, 2022-25
- *MORSE Travel Grants*, Maastricht University - *MORSE*, 2022-2024
- *Teaching Fellowship*, Maastricht Summer School, 2024
- *International Travel Grant*, Maastricht University - *GSBE*, 2025

POLICY EXPERIENCE

Quantitative Research Officer

March 2020 – Dec 2021

Economic Policy Research Institute - EPRI

Cape Town, SA

- Leading microsimulation projects to assess the impact of COVID-19 on socio-economic indicators in Lao PDR, Montenegro, Cambodia (*UNICEF*) and Lesotho (*WFP*)
- Leading fiscal space analysis project for the provision of comprehensive social protection to PwDs in four Pacific Island States (*UNICEF*)
- Researcher in a project to draft a National Social Protection Strategy in Sudan (*UNICEF*)

Quantitative Analyst

Feb 2019 – July 2019

United Nations University, MERIT

Maastricht, NL

- Estimating the **returns to education for Out-of-school children in Jordan** (*UNICEF*)
- Econometric modeling and data analysis of school administrative data (EMIS), panel labor force surveys (JLMPS) and child labor survey (NCLS).
- UNICEF Jordan (2020) Country Report on Out-of-school children.
<https://www.unicef.org/jordan/reports/jordan-country-report-out-school-children>

Research Assistant

Sep 2018 – Oct 2018

University of Amsterdam

Amsterdam, NL

- Data analysis and preparation including coding unique codes for Indian parliamentary constituencies - Identifying incumbent state parties, crosschecking variable names & coding information on caste and religion
- Daxecker, U. (2020). Unequal votes, unequal violence: Malapportionment and election violence in India. *Journal of Peace Research*, 57(1), 156-170. <https://journals.sagepub.com/doi/10.1177/0022343319884985>

Research Analyst

SEO - Stichting Economisch Onderzoek

Feb 2018 – July 2018

Amsterdam, NL

- **Estimating the development impact of private sector investments in India's Health sector** (Impact Evaluation using Input-Output models)
- Systematic literature review, input-output modeling, data analysis

COMPETENCIES | SOFTWARE SKILLS

Analytical Software: STATA, Python, Matlab, NVivo, Survey CTO, World Bank's ADePT

Reporting Software: L^AT_EX, MS Office (with knowledge of Excel VBA), EndNote, Mendeley, Tableau

Languages: English (Proficient), French (A2), Dutch (B1), Hindi and Punjabi (Native)

REFERENCES

- Prof. Dr. Frank Cörvers | Maastricht University | [Email](#)
- Prof. Dr. Harald Pfeifer | Maastricht University & BIBB | [Email](#)
- Prof. Dr. Sandra McNally | University of Surrey & CEP - LSE | [Email](#)
- Prof. Dr. Ken Mayhew | University of Oxford & Maastricht University | [Email](#)