

Stan de Ruijter

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Citizenship: Dutch, American

PLACEMENT AND REFERENCES

Attila Lindner (placement director)
Professor of Economics, UCL
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Christian Dustmann (advisor)
Professor of Economics, UCL; Director, CReAM
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Uta Schönberg
Professor of Economics, HKU
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schoenbe@hku.hk

Josef Zweimüller
Professor of Economics, University of Zurich
josef.zweimueller@econ.uzh.ch

EDUCATION

University College London	London, UK
PhD in Economics	expected 2027
MRes in Economics, with distinction	2017
MSc in Economics, with distinction	2016
Barcelona Graduate School of Economics , MSc in Finance and Economics	2015
Northwestern University , BSc in Economics and Statistics	2012

FIELDS

Primary: Labor Economics, International Trade

Secondary: Production Networks, Technological Change, Applied Econometrics

JOB MARKET PAPER

Displacing and Reinstating Technologies in Production Networks: Workers and Firms

When an industry's suppliers adopt new technology, what happens to the firms and workers that buy from them depends on the kind of technology. Using Danish matched employer–employee data linked to the input–output network and patent stocks split into labor-displacing and labor-reinstating technology, I find that firms buying from adopters of displacing technology get smaller, their labor share falls, value added per worker and the operating margin rise, and the pay of their incumbents and new hires does not move: the firm adjusts through hiring and keeps the cost saving. Under reinstating technology each of these reverses. The workers who bear the adjustment are those who started in the exposed industries, wherever they work later: suppliers' displacing technology lowers their pay, sends movers to lower-paying employers and raises exits from employment, and the effect follows the worker's first industry rather than her current employer's, with the loss appearing years after she leaves. What suppliers adopt matters more than what the industry adopts itself, and with the opposite sign. Both types of technology reach buyers mainly through suppliers of capital goods, and the pay loss falls on higher-paid white-collar workers in the roles that coordinate production.

WORKING PAPERS

- Shift-Share Designs with Network Propagation July 2026
- Decomposing the China Shock: Direct and Upstream Effects in the United States and Germany
(with Christian Dustmann)
- The Network Incidence of the 2022 European Energy Crisis

PRESENTATIONS

Workshop on Topics in Applied Economics	2026 (scheduled)
CReAM/RFBerlin Workshop, Piemonte	2018, 2026
RFBerlin Workshop (with Christian Dustmann)	2024

TEACHING EXPERIENCE

Postgraduate Teaching Assistant, University College London

- Public Economics and Tax Policy (ECON0103), undergraduate 2026–27
- Economics of Migration (ECON0041), undergraduate 2022–23 to 2024–25
- International Trade (ECON0023), undergraduate 2019–20, 2020–21, 2022–23 to 2024–25
- Advanced Topics in International Trade, undergraduate 2019–20, 2020–21
- Research Methods, MSc Economics 2019–20 to 2021–22
- Intermediate Microeconomics I and II (ECON0013), undergraduate 2017–18, 2018–19

RESEARCH EXPERIENCE

Research Officer, CReAM, University College London	2016–present
Research Associate, ROCKWOOL Foundation Berlin (RFBerlin)	2021–present
Research Assistant to Gabriella Conti, University College London	2020–2021

FELLOWSHIPS AND AWARDS

Full merit scholarship, Barcelona Graduate School of Economics	2015
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PROFESSIONAL ACTIVITIES

Referee: *Journal of Labor Economics*

OTHER EXPERIENCE

Associate, Corporate Strategy Group, IRI, Chicago	2012–2014
Junior Consultant, Consulting Group, IRI, Chicago	2012

SKILLS

Programming: R, Stata, Python, Matlab, $\LaTeX$

Data: Danish administrative registers (Statistics Denmark), WIOD, EU KLEMS

Languages: English, Dutch, Spanish