

PETER JOHN LAMBERT

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SUMMARY

Economist studying how technology, organizations and markets shape jobs and economic growth. I combine economic theory with large novel datasets and frontier AI methods to measure policy-relevant economic structures, such as how AI and automation are changing hiring and work, and how products connect in global production networks. I co-founded the Applied Economics using AI (AEAI) Lab, which builds open-access datasets including PPNET and WFHmap.com.

APPOINTMENTS

Research Fellow , Department of Economics, University of Warwick	2025–present
Visiting Research Fellow , Department of Economics, London School of Economics	2025–present
Visiting Researcher , Stanford University	Fall 2025

AFFILIATIONS

Current: Centre for Economic Performance (CEP), LSE, 2019–present; Programme on Innovation and Diffusion (POID), LSE, 2021–present; Centre for Competitive Advantage in the Global Economy (CAGE), University of Warwick, 2025–present; Research Affiliate, ROCKWOOL Foundation Berlin (RFBerlin), 2026–present.

Past: Grantham Research Institute on Climate Change and the Environment, LSE, 2018–2021; Centre for Macroeconomics (CfM), LSE, 2022–2025.

EDUCATION

PhD in Economics , London School of Economics	2025
MRes in Economics , London School of Economics	2021
MSc in Econometrics and Mathematical Economics , London School of Economics	2019
Master of Economics , Monash University	2016
Bachelor of Commerce (Honours) , Monash University, Melbourne	2015

PUBLICATIONS AND WORKING PAPERS

The Broken Ladder: AI, Remote Work, and Early-Career Hiring with Yannick Schindler <i>SSRN Working Paper</i> Covered by the <i>Financial Times</i> , <i>The Wall Street Journal</i> , <i>Bloomberg</i> , <i>Fortune</i> , <i>Business Insider</i> , <i>Axios</i> and NPR's <i>Planet Money</i> .	2026
The Equilibrium Impact of Credit Frictions: Evidence from Default Risk Using Firm-Level Data with Tim Besley, Isabelle Roland and John Van Reenen <i>NBER Working Paper 35552</i>	2026
Measuring the Prevalence and Direction of Innovation: A Pilot Approach Using LLMs with Prashant Garg, Ralf Martin and Denis Medvedev <i>CEP Discussion Paper 2216</i>	2026
Critical Minerals and Industrial Policy: A Network-Based Approach to Supply Chain Risk with Thiemo Fetzer <i>Oxford Review of Economic Policy</i> , 42(1), 193–211	2026
Anatomy of Automation: CNC Machines and Industrial Robots in UK Manufacturing, 2005–2023 with Aniket Baksy and Daniel Chandler <i>CEP Discussion Paper 2131</i>	2025
Bad Bank, Bad Luck? Evidence from 1 Million Firm-Bank Relationships with Yannick Schindler	2024
AI-Generated Production Networks: Measurement and Applications to Global Trade with Thiemo Fetzer, Bennet Feld and Prashant Garg	2024

CEPR Discussion Paper 19708

Data released as [AIPNET.io](#). Summarised in a [VoxEU](#) column.

Has Work from Home Shifted the US Electoral Map? 2024

with Chris Larkin

CEP Occasional Paper 67

Measuring Remote Work Using a Large Language Model (LLM) 2023

EconPol Forum, 24(3), 44–49

Remote Work across Jobs, Companies, and Space 2023

with Stephen Hansen, Nicholas Bloom, Steven J. Davis, Raffaella Sadun and Bledi Taska

NBER Working Paper 31007

Data released as [WFHmap.com](#). Summarised in *Harvard Business Review* and on [VoxEU](#).

Disaster Insurance in Developing Asia: An Analysis of Market-Based Schemes 2019

with Swenja Surminski and Architesh Panda

ADB Economics Working Paper 590

WORK IN PROGRESS

- **AI in Products: Evidence from 6 Billion Company Webpages**, with Nicholas Bloom, Ralf Martin and John Van Reenen
- **Who Pays for AI? Evidence from 6 Billion UK Household Card Transactions**, with Patrick Schneider and Nikhil Datta
- **Production Process Networks**, with Bennet Feld and Thiemo Fetzer
- **Remote Work and Labor Market Power**, with Tito Boeri, Bernardo Mottironi and Paolo Naticchioni
- **Machinery of Progress: Measuring Innovation and Diffusion of Capital Equipment, 1998–2024**, with Yannick Schindler
- **Working in Space**, with Tim Besley, Thiemo Fetzer and Kyle Jones
- **Measuring Organizations Using Co-Occurrence Networks**, with Clemens Oberhuemer and Tongmeng Xie
- **AI's Impact on Organizational Structure: Evidence from Employee–Employer Matched Data across 15 Million US Firms**
- **On the Ubiquity of Harmonic Means in Macroeconomics** (review article)
- **Co-Occurrence Networks in Economics: A Primer** (book chapter)

OPEN-ACCESS DATA PROJECTS

- **PPNET** ([productionnetworks.ai](#)): maps what it takes to make 10,937 products, with 567,783 supply relationships and 24,030 distinct production routes
- **WFHmap.com**: remote work measured from 500 million job postings across five countries and thousands of cities

POLICY WRITING AND MEDIA

ChatGPT or Zoom – Which Broke the Career Ladder? 2026

with Yannick Schindler

LSE Business Review

Automation Is Not Hollowing Out British Factory Jobs 2026

with Aniket Baksy and Daniel Chandler

LSE Business Review

Leveraging AI to Navigate ‘Deglobalisation’ 2024

with Thiemo Fetzer, Bennet Feld and Prashant Garg

VoxEU

US Electoral Impact of Remote Work and Inter-State Migration 2024

with Chris Larkin

VoxEU

Research: The Growing Inequality of Who Gets to Work from Home 2023

with Nicholas Bloom, Steven J. Davis, Stephen Hansen, Yabra Muvdi, Raffaella Sadun and Bledi Taska

Harvard Business Review

Using Job Postings to Quantify Remote Work 2023

with Stephen Hansen, Nicholas Bloom, Steven J. Davis, Raffaella Sadun and Bledi Taska

Taska

VoxEU

Risk of Business Failure: POID Tracker with Apolline Marion and John Van Reenen. Interviews in <i>The Times</i> and <i>The Guardian</i> . <i>Programme on Innovation and Diffusion (POID)</i> , LSE	2022
A Major Wave of UK Business Closures by April 2021? The Scale of the Problem and What Can Be Done with Gordon Brown and John Van Reenen. Covered by the <i>BBC</i> and <i>The Guardian</i> . <i>CEP Covid-19 Analysis 016</i>	2021
Three columns on UK business survival during Covid-19 with John Van Reenen and Apolline Marion: <i>A wave of Covid-related bankruptcies is coming to the UK; Support schemes for UK businesses decreased the risk of bankruptcies; UK business confidence has increased, but Covid still poses risks.</i> <i>LSE Business Review</i>	2021

SELECTED PRESENTATIONS

- **2026 (scheduled):** Inaugural IZA@LISER Conference in Labour Economics; UNSW-ESCoE Conference on Economic Measurement, Sydney; Stanford Remote Work Conference, Stanford University; Talent Economics Conference, Rome
- **2026:** Inaugural Research Series, Lightcast; 41st AIEL Conference; 33rd Global Finance Conference; Empirical Management Conference, Stanford; 6th OECD/IZA@LISER Online Workshop; AI and Economics Workshop, ICMS, Edinburgh; WZB Economics Seminar, Berlin (invited)
- **2025:** UNSW-ESCoE Conference on Economic Measurement, Sydney; EEA Annual Congress, Bordeaux; TADC, London; ESCoE Conference on Economic Measurement; BSE Summer Forum, workshop on financial shocks, channels and macro outcomes; 32nd Global Finance Conference; Future Finance Fest (3f); STEG Annual Conference
- **2024:** Google DeepMind AI for Social Science Event (keynote); Erasmus-CEPR Workshop on Trade, Geography and Industrial Organisation, Rotterdam; Warwick Applied AI Workshop; AEA/ASSA Annual Meeting
- **2023:** Stanford Remote Work Conference, Stanford University; 6th Monash-Zurich-Warwick Text-as-Data Workshop; CEP Annual Conference, London School of Economics
- **2022:** CESifo/ifo Junior Workshop on Big Data, Munich; Stanford Remote Work Conference, Stanford University; 3rd Monash-Zurich-Warwick Text-as-Data Workshop; CESifo Venice Summer Institute; 26th Annual SIOE Conference; The Future of Work (From Home), Centre for Market Design Workshop, University of Melbourne (with Nicholas Bloom); Working in Space Workshop (online)

TEACHING

- **University of Warwick / CAGE:** [Summer School](#) and [Winter School](#) for AI, Coding, and Data Science for Economics Research
- **London School of Economics:** [EC427 The Economics of Industry](#) (Masters); [EC101 Introductory Microeconomics](#); [EC102 Introductory Macroeconomics](#); [EC202 Intermediate Macroeconomics](#)
- **Monash University:** [ECC3640 Economics of Climate Change](#); [ECC3800 History of Economic Thought](#); [ECC2360 Environmental Economics](#); [ECC3670 Economics of Developing Countries](#); [ECC2000 Intermediate Microeconomics](#); [ECC2010 Intermediate Macroeconomics](#); [ECF2731 Managerial Economics](#) and [ECX3550 Business in Asia](#)
- **Workshop:** AI for Applied Economics Research, three days (Masters level)

PROFESSIONAL EXPERIENCE

Co-founder , Applied Economics using AI (AEAI) Lab	2023–present
Researcher , Australian Centre for Financial Studies, Melbourne	May 2017 – Aug 2017
Research Assistant and Teaching Associate , Monash University	Feb 2013 – Jul 2017
Research Economist , Monash Business Policy Forum, Melbourne	Dec 2014 – Feb 2017