MATTHIAS SCHIEF

Curriculum Vitae
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EMPLOYMENT

Organisation for Economic Co-operation and Development (OECD)
Economics Department, Structural Policy Research Division 2023–present

EDUCATION

Ph.D. in Economics, Brown University, 2023

M.A. in Economics, Brown University, 2018

M.A. in Economics, University of Zurich, 2016

B.A. in Political Science and Economics, University of Zurich, 2013

JOURNAL PUBLICATIONS

Filippucci, Francesco, Peter Gal, and Matthias Schief. "Aggregate Productivity Gains from Artificial Intelligence: A Sectoral Perspective." *AEA Papers and Proceedings* 116 (2026): 31–35. [DOI:10.1257/pandp.20261035]

Heikkuri, Vesa-Matti, and Matthias Schief. "Subgroup Decomposition of the Gini Coefficient: A New Solution to an Old Problem." *Econometrica* 94, No. 1 (2026): 169–192. [DOI:10.3982/ECTA22145]

André, Christophe, Peter Gal, and Matthias Schief. "Employment and productivity in an ageing society: Japan in international perspective." *The Journal of the Economics of Ageing* 33 (2026): 100624. [DOI:10.1016/j.jeoa.2026.100624]

Filippucci, Francesco, Peter Gal, Katharina Laengle, Matthias Schief, and Filiz Unsal. "Opportunities and Risks of Artificial Intelligence for Productivity." *International Productivity Monitor*, No. 48 (2025) (lead article). [Article]

Schief, Matthias, Sonja Vogt, Elena Churilova, and Charles Efferson. "Isolating a culture of son preference among Armenian, Georgian and Azeri Parents in Soviet-era Russia." *Evolutionary Human Sciences* 6 (2024): e19. [DOI:10.1017/ehs.2024.9]

Schief, Matthias, Sonja Vogt, and Charles Efferson. "Investigating the Structure of Son Bias in Armenia with Novel Measures of Individual Preferences." *Demography* 58, No. 5 (2021): 1737–1764. [DOI:10.1215/00703370-9429479].

POLICY PAPERS

André, Christophe, and Matthias Schief. "A potential boost from AI in ageing societies: Early insights." *OECD Economics Department Working Papers*, No. 1870 (2026). [DOI:10.1787/be002e40-en] [SUERF Policy Notes & Briefs] [ECOSCOPE]

Filippucci, Francesco, Peter Gal, Katharina Laengle, Matthias Schief, and Muhammed A. Yildirim. "AI meets trade: Global linkages and the cross-country distribution of the gains from AI." *OECD Artificial Intelligence Papers*, No. 57 (2026). [DOI:10.1787/13081644-en] [SUERF Policy Notes & Briefs] [VoxEU column]

Filippucci, Francesco, Peter Gal, Katharina Laengle, and Matthias Schief. "Macroeconomic productivity gains from Artificial Intelligence in G7 economies" *OECD Artificial Intelligence Papers*, No. 41 (2025). [DOI:10.1787/a5319ab5-en] [SUERF Policy Notes & Briefs]

Filippucci, Francesco, Peter Gal, and Matthias Schief. "Miracle or Myth? Assessing the macroeconomic productivity gains from Artificial Intelligence" *OECD Artificial Intelligence Papers*, No. 29 (2024). [DOI:10.1787/b524a072-en] [ECOSCOPE] [VoxEU column]

André, Christophe, Peter Gal, and Matthias Schief. "Enhancing Productivity and Growth in an Ageing Society: Key Mechanisms and Policy Options." *OECD Economics Department Working Papers*, No. 1807 (2024). [DOI:10.1787/605b0787-en] [ECOSCOPE] [SUERF Policy Notes & Briefs]

WORK IN PROGRESS

"Population Aging, Cohort Replacement, and the Evolution of Income Inequality in the United States" (with Vesa-Matti Heikkuri) [most recent version]

"Anticipation of Discrimination, Misperceptions, and Trust: Application to Affective Polarization" (with Devesh Rustagi) [most recent version]

"Source Decomposition of Inequality Indices" (with Vesa-Matti Heikkuri)

"Optimal Transport and the Measurement of Inequality" (with Tommaso Coen and Vesa-Matti Heikkuri)

"Tight Bounds for the Gini Coefficient of Composite Populations" (with Vesa-Matti Heikkuri)

"Success-biased Cultural Evolution in a Panel of Countries"

SELECTED SEMINARS, CONFERENCES AND POLICY PRESENTATIONS

2026 AEA Annual Meeting, Cabinet Office (Japan), Bank of Portugal (Workshop on Micro and Macro Productivity Challenges in Times of Structural Shifts), International Fund for Agricultural Development (Office of the Secretary), OECD Employment, Labour and Social Affairs Committee, ECB Working Group on Econometric Modelling, 2026 BOK–CEPR–OECD Conference at the Bank of Korea, ISER Seminar at the University of Osaka, Roy-ADRES Seminar at the Paris School of Economics

2025 Bank of Ukraine, Inaugural Conference of the CEPR Research Policy Network on the Economics of Longevity and Ageing in Athens, Summer Conference of the CEPR Research Policy Network on the Economics of Longevity and Ageing at the London Business School, Productivity Research Conference at the University of Manchester, OECD Working Party 1 on Macroeconomic & Structural Policy Analysis, 4th Plenary Meeting of the Global Partnership on Artificial Intelligence, Applied Microeconomics Seminar at Banco de la República (Colombia)

2024 European Central Bank, University of Warwick, Annual conference of the European Association for Labour Economists, Annual Congress of the International Institute of Public Finance, OECD Working Party 1 on Macroeconomic & Structural Policy Analysis (2x), Bank of Italy, Inequality in Rome Seminar Series at Roma Tre University

2023 Tenth ECINEQ Meeting, SSES Annual Congress, Annual Meeting of the Population Association of America, Rutgers University-Newark, University of Nottingham, Vienna University of Economics and Business, Organisation for Economic Co-operation and Development

2022 Annual Meeting of the Population Association of America, Brown University (theory and growth seminars)

2021 Stone Center on Socio-Economic Inequality, Max Planck Institute for Demographic Research

2020 CeDEx at University of Nottingham

AFFILIATIONS & RESEARCH VISITS

PaceLab, University of Lausanne, since 2020

Population Studies and Training Center, Brown University, 2021–2023

Visiting Scholar, Nuffield College, Oxford, Summer 2018

HONORS & AWARDS

International Fellowship, PSTC, Brown University, 2021–2022

James M. and Cathleen D. Stone Wealth and Income Inequality Project Graduate Student Support, Brown University, Fall 2020

Semester Prize Awarded for Outstanding Master's Thesis, University of Zurich, 2016

TEACHING AND RESEARCH ASSISTANCE

Brown University

Teaching Assistant, Theory of Economic Growth (Oded Galor), Spring 2023

Teaching Assistant, Essential Mathematics for Economics (Alex Poterack), Spring 2021

Teaching Assistant, Behavioral Economics and Public Policy (Neil Thakral), Spring 2020

Teaching Assistant, Race and Inequality in the United States (Glenn Loury), Fall 2019

Teaching Assistant, Economic Growth (David Weil), Spring 2019

Teaching Assistant, Theory of Economic Growth (Oded Galor), Fall 2018

Swiss Federal Institute of Technology

Research Assistant, Chair of Applied Macroeconomics (Jan-Egbert Sturm), 2016–2017

University of Zurich

Research Assistant, Chair of Microeconomics and Experimental Economics (Ernst Fehr), 2016–2017

Research Assistant, Chair of Macroeconomics and Political Economy (Fabrizio Zilibotti), 2012–2016

PROFESSIONAL MEMBERSHIPS

American Economic Association, European Economic Association, Population Association of America

REFEREEING

Journal of Economic Growth, *Journal of Population Economics*, *Journal of Economic Behavior and Organization*, *Nature Human Behaviour*, *Journal of Economic Inequality*, *Evolutionary Human Sciences*, *Vienna Yearbook of Population Research*

LANGUAGES

English, German, French, Russian

REFERENCES

David Weil
James and Merryl Tisch Professor of Economics
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