

Markus Ludwig

Address	Technische Universität Braunschweig Institute of Economics Spielmannstraße 9, 38106 Braunschweig
Contact	markus.ludwig@tu-braunschweig.de
Family status	Married, with three children

Professional Experience

Since 2019	Professor of Economics (W2, tenured), especially Empirical Economics and Econometrics, TU Braunschweig
Since 2020	Head of the Institute of Economics, TU Braunschweig
Spring/Summer 2019	Parental leave
2016–2019	Postdoc at the University of Bayreuth
2014–2016	Postdoc at the University of Basel

Affiliations

Since 2020	Research Fellow: CESifo, Munich
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Education

2009–2014	PhD student at the University of Basel (summa cum laude)
2006–2009	M.A. International Economics, Georg-August-University Göttingen
2002–2006	Diplom (FH) Volkswirt, Nürtingen-Geislingen University
1999–2002	Apprenticeship as bank clerk and employment at the KSK Waiblingen

Publications

Working Papers

“The Power of Youth: Political Impacts of the “Fridays for Future” Movement”, with Marc Fabel, Matthias Flückiger, Helmut Rainer, Maria Waldinger, Sebastian Wichert, *CESifo Working Paper No. 9742*

“Calling for Help: Mobile Phones and Health in Sub-Saharan Africa”, with Matthias Flückiger

"Temperature and Child Health in Sub-Saharan Africa", with Matthias Flückiger (***R&R World Development***)

“Home Bias in International Emissions Trading: Indirect Evidence on Transaction Costs in the EU ETS” (2019), with Beat Hintermann

“Spatial Networks and the Spread of COVID-19: Results and Policy Implications from Germany”, with Matthias Flückiger

Work in Progress

“Sustainable public mobilization: COVID-19 and the FFF movement”, with Jonas Klärchen

“Salinization and regional development”, with Hanh My Le

Articles

“Roman Transport Network Connectivity and Economic Integration”, with Matthias Flückiger, Erik Hornung, Mario Larch and Allard Mees. **Review of Economic Studies** 89 (2022), 774–810

“Malaria suitability, urbanization and subnational development in sub-Saharan Africa”, with Matthias Flückiger, **Journal of Urban Economics**, 120 (2020)

"Ebola and State Legitimacy", with Matthias Flückiger and Ali Sina Önder, **Economic Journal**, 129 (2019), 2064–2089

"Transport Infrastructure, Growth and Persistence: The Rise and Demise of the Sui Canal.", with Matthias Flückiger, **Canadian Journal of Economics**, 52 (2019), 624-666

"Geography, Human Capital and Urbanization: A Regional Analysis", with Matthias Flückiger. **Economics Letters** 168 (2018): 10–14

“Youth Bulges and Civil Conflict: Causal Evidence from Sub-Saharan Africa”, with Matthias Flückiger. **Journal of Conflict Resolution** 62 (2018): 1932–1962

“Urbanization, Fertility and Child Education in Sub-Saharan Africa”, with Matthias Flückiger. **Economics Letters** 157 (2017): 97–102

“Malaria Suitability, Urbanization and Persistence: Evidence from China Over More Than 2000 Years”, with Matthias Flückiger. **European Economic Review** 92 (2017): 146–160

“Economic Shocks in the Fisheries Sector and Maritime Piracy”, with Matthias Flückiger. **Journal of Development Economics** 114 (2015): 107-125

“Chinese Export Competition, Declining Exports and Adjustments at the Industry and Regional Level in Europe”, with Matthias Flückiger. **Canadian Journal of Economics** 48(3) (2015): 1120-1151

"An empirical investigation of the determinants of democracy: Trade, aid and the neighbor effect", with S. Csordás. **Economics Letters** 110 (2011): 235-237

Policy Columns/Blogs/Newspapers

“Auf Römischen Pfaden”, *FAZ-Der Volkswirt* (Apr 25th 2022)

“Trägt die Fridays-for-Future-Bewegung zum politischen Klimawandel bei?“, *ifo Schnelldienst* (05/2022)

“How Roman transport network connectivity shapes economic integration” *VoxEU* (Aug 28th 2019)

“How the Ebola crisis affected people’s trust in their governments” *OUPblog* (Aug 18th 2019)

“EFFECTIVE PUBLIC HEALTH RESPONSE BOOSTS TRUST AND STATE LEGITIMACY: evidence from the 2014 Ebola epidemic” Media briefing *Royal Economic Society* (Jul 1st 2019)

Awards

2015 Faculty Prize for best PhD-Thesis in Economics

Teaching

Internationale Wirtschaft (TU Braunschweig), Grundlagen VWL: Mikroökonomie (TU Braunschweig), Grundlagen der Empirischen Wirtschaftsforschung (TU Braunschweig), Empirische Wirtschaftsforschung II (TU Braunschweig), Geospatial Data in Economics (TU

Braunschweig), Quantitative Methods in Economic History (University of Bayreuth), Determinants of Long-run Economic Development (University of Bayreuth), International Development Economics (University of Basel), Advanced Environmental Economics (University of Basel), Resource Economics (University of Basel)

Academic Service

Referee for journals

American Political Science Review, CESIFO Economic Studies, Defence and Peace Economics, Economies, Energies, International Review of Economics, International Interactions, Journal of African Economics, Journal of Conflict Resolution, Journal of Development Economics, Journal of Mathematical Economics, Journal of Peace Research, Kyklos, Nature Human Behavior, Research in International Business and Finance

(Co-)Organizer of Workshop and Conferences

- 2022- Research Seminar (Institute of Economics, TU Braunschweig), Joint Research Workshop (TU Braunschweig, TU Dresden, Leibniz University Hannover)
- 2021 11. Sommerkonferenz der Gesellschaft für Regionalforschung (GfR)
- 2019- Braunschweiger Seminar Ökonomie, Politik & Praxis (on hold, due to COVID-19 restrictions)

PhD supervision

- 2020- Hanh My Le, Jonas Klärchen

PhD Committee Member

- 2020 Christina Greßer (external examiner) at University of Bayreuth, Yannick Scherr (chair) at TU Braunschweig

Post-Doc (Habilitation) Committee Member

- 2020- Dr. Mohsen Afsharian at TU Braunschweig, Dr. Barbara Seegebarth at TU Braunschweig, Dr. Matthias Wichmann at TU Braunschweig

University Service

- 2020- Member “Studienkommission Wirtschaftsingenieurwesen: Maschinenbau”, Member “Studienkommission Wirtschaftsingenieurwesen: Bauingenieurwesen”, Member Tenure-Track-committee, Member of various working committees (degree program development)
- 2020- Member/Chair of various selection committees for professorships (internal and external)
- 2016-2019 Member of the coordination team “Master of History and Economics”, Bayreuth
- 2013–2016 Coordinator of the PhD Program in Applied Economics at the University of Basel.
- 2009–2014 Curriculum committee member of the Master in Sustainable Development.

Projects and Research Grants

- 2020-2023 DAAD Exchange Program, Fakultät für deutsche Ingenieur- und Betriebswirtschaftsausbildung (FDIBA) at the TU Sofia (210.000 EUR)
- 2018 BA/Leverhulme Small Research Grants (3.250 GBP)

- 2016–2017 Research grant (**PI**): Förderverein of the WWZ (12 months) “Rheinzölle und ihre Auswirkung auf Stadtentstehung und städtische Selbstverwaltung im späten Mittelalter“ (50.000 CHF)
- 2014–2015 Research grant (**PI**): Förderverein of the WWZ (12 months) “Strommarktliberalisierung und ihre Auswirkung auf Industriesektoren und Investitionen – Eine empirische Analyse auf Firmenebene“ (50.000 CHF)
- 2014–2015 Research grant (**PI**): Förderverein of the WWZ (18 months) “Wirksamkeit klima- und energiepolitischer Maßnahmen - Eine empirische Analyse“ (100.000 CHF)
- 2012–2013 Excellence scholarship of the University of Basel (Forschungsfonds) (63.000 CHF)
- 2010 Research grant (**PI**): Förderverein of the WWZ (12 months) “The Visible Hand: National Oil Companies, Oil Supply and the Emergence of the Hotelling Rent” (50.000 CHF)
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Research Visits, Conferences and Invited Talks

- 2022 IWH (Halle), Invitation Entwicklungsökonomischer Ausschuss – Verein für Socialpolitik (June)
- 2021 EcFin SG Research Seminars (Portsmouth), Dresden Research Seminar, Halle Research Seminar
- 2020 *Research visit* CESifo Munich, ifo Lunchseminar, ifo Forschungsseminar
- 2019 Workshop on Geodata and Economics (Hamburg), *cege*-Seminar (Göttingen)
- 2018 Workshop on Geodata and Economics (Braunschweig), EEA Meeting Cologne, Schumpeter Seminar (HU Berlin), Graduiertenseminar (Bayreuth), CIES ECON Seminar (Genf), Environmental and Development Economics seminar (Hamburg)
- 2017 *Research visit* Queen's University Belfast, Development Economics and Policy Conference (Göttingen), Graduiertenseminar (Bayreuth)
- 2016 RES (Brighton), Research Workshop “Empirical Economics” (LMU Munich), Research Seminar “History and Economics” (Bayreuth)
- 2015 11th World Congress of the Econometric Society (Montreal)
- 2014 EEA-ESEM (Toulouse), Econometric Society European Winter Meeting (Madrid)
- 2013 SES (Perth), SMYE (Aarhus), EARE (Toulouse)