

# Christoph Friedrich Schult

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Born: May 17, 1991 — Halle (Saale), Germany  
Nationality: German

## Current Position

*Postdoctoral Researcher*, Halle Institute for Economic Research (IWH), Halle

## Research Interests

Dynamic Macroeconomics  
Environmental Macroeconomics  
Energy Markets  
Forecasting

## Third-Party Funded Project Participation

- |              |   |
|--------------|---|
| 2024–present | “Macroeconomic Modelling for Energy Investments in Vietnam,” for the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).                 |
| 2022–present | “Evaluation of the InvKG and the federal STARK programme,” funded by the Federal Ministry of Economics and Climate Protection.                      |
| 2020–2023    | “Energy Transitions from Coal and Carbon: Effects on Societies,” funded by the European Union’s Horizon 2020 research and innovation programme.     |
| 2019–2022    | “Policy Advice for Climate-Resilient Economic Development (CRED)” in Vietnam for the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). |
| 2016–2019    | “Klimaschutz und Kohleausstieg: Politische Strategien und Maßnahmen bis 2030 und darüber hinaus” for the German Environment Agency (UBA).           |

## Professional Experience

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| 2013–2015 | Student Assistant, Chair of Statistics, Humboldt-Universität zu Berlin |
| 2015–2016 | Internship, apoAsset, Düsseldorf                                       |

2016	Research Assistant, Chair of Statistics, Humboldt-Universität zu Berlin, International Research Training Group 1792
2016–2021	PhD Candidate, Halle Institute for Economic Research (IWH)
2021–present	Postdoctoral Researcher, Halle Institute for Economic Research (IWH)

## Education

2021	Dr. rer. pol. (PhD) in Economics, Martin-Luther-Universität Halle-Wittenberg
2015	M.Sc. in Economics, Humboldt-Universität zu Berlin
2013	B.Sc. in Economics, Martin-Luther-Universität Halle-Wittenberg

## Publications & Talks

### JOURNAL ARTICLES

Regional Industrial Effects in Germany from a Potential Gas Deficit (together with Robert Lehmann), *German Economic Review*, 2024, 101515 (CESifo Working Paper No. 10715).

Transparency and Forecasting: The Impact of Conditioning Assumptions on Forecast Accuracy (together with Katja Heinisch and Carola Stepper), *Applied Economic Letters*, 2024, 1–5. <https://doi.org/10.1080/13504851.2024.2388870>.

The effects of the Iberian exception mechanism on wholesale electricity prices and consumer inflation: a synthetic-controls approach (together with Miguel Haro Ruiz and Christoph Wunder), *Applied Economics Letters* 2024, 1–7, <https://doi.org/10.1080/13504851.2024.2425834>.

Power Generation and Structural Change: Quantifying Economic Effects of the Coal Phase-Out in Germany (together with Katja Heinisch and Oliver Holtemöller), *Energy Economics* 95, 2021, 105008.

Coal Phase-Out in Germany – Implications and Policies for Affected Regions (together with Pao-Yu Oei, Hauke Hermann, Philipp Herpich, Benjamin Lünenbürger, and Christoph Schult), *Energy – The International Journal* 196, 2020, 117004.

Expectation Formation, Financial Frictions, and Forecasting Performance of Dynamic Stochastic General Equilibrium Models (together with Oliver Holtemöller), *Historical Social Research* 44(2), 2019, 313–339 (IWH Discussion Paper 15/2018).

Zu den rentenpolitischen Plänen im Koalitionsvertrag 2018 von CDU, CSU und SPD: Konsequenzen, Finanzierungsoptionen und Reformbedarf (together with Oliver Holtemöller and Götz Zeddes), *Zeitschrift für Wirtschaftspolitik* 67(3), 247–265, 2018 (IWH Discussion Paper 5/2018).

## DISCUSSION PAPERS

Climate Change Economics in Vietnam: Redefining Economic Impact (together with Christian Otto and Thomas Vogt), IWH Discussion Paper No. 15/2025.

Assumption Errors and Forecast Accuracy: A Partial Linear Instrumental Variable and Double Machine Learning Approach (together with Katja Heinisch and Fabio Scaramella), IWH Discussion Paper No. 6/2025.

The German Energy Crisis: A TENK-based Fiscal Policy Analysis (together with Alexandra Gutsch), IWH Discussion Paper No. 1/2025.

Is Risk the Fuel of the Business Cycle? Financial Frictions and Oil Market Disturbances, IWH Discussion Paper No. 4/2024.

## CONFERENCE PRESENTATIONS

26th IWH-CIREQ-GW-BOKERI Macroeconometric Workshop, Halle, 2025

VfS Annual Conference, 2025, Cologne

International Association for Applied Econometrics, 2025, Turin

3rd Vienna Workshop on Economic Forecasting, 2025, Vienna

Asia Meeting of the Econometric Society, East & Southeast Asia, 2024, Ho Chi Minh City, Vietnam

North American Summer Meeting of the Econometric Society, 2024, Nashville, Tennessee

Computational and Financial Econometrics, 2023, Berlin

6th International Conference on Econometrics and Statistics (EcoSta), 2023, Virtual Participation

International Symposium on Forecasting, 2023, Charlottesville, VA

EC<sup>2</sup> Conference: Econometrics of Climate, Energy, and Resources, 2021, Virtual Participation

International Association for Applied Econometrics, 2021, Virtual Participation

26th Annual Conference of the European Association of Environmental and Resource Economists, 2021, Virtual Participation

Third International Conference on European Studies, 2021, Virtual Participation

Computational and Financial Econometrics, 2020, London

ClimRisk 2020, SISC Annual Conference, 2020

American Economic Association, ASSA Meetings, 2020, San Diego, CA (Poster)

Annual Congress of the European Economic Association, 2019, Manchester

World Statistics Congress, 2019, Kuala Lumpur

International Conference on Economic Modelling and Data Science, 2019, Ponta Delgada

Annual Conference of the European Association of Environmental and Resource Economists, 2019, Manchester

International Symposium on Forecasting, 2019, Thessaloniki

International Conference on Computational and Financial Econometrics, 2018, Pisa

International Symposium on Environment and Energy Finance Issues, 2018, Paris

## Teaching

2025/2026 Substitute lecturer for the course Macroeconomics, Leipzig University, Winter Term 2025/2026

2024 Introduction to Octave/Matlab Macroeconomics, Central German Doctoral Program in Economics

2016 Statistical Programming Languages, Chair of Statistics, Humboldt-Universität zu Berlin

## Service to the Profession

2019-2025 Referee for the journal Energy Economics

## Programming Languages

Advanced MATLAB, R, Python

Basic Stata, SQL, VBA

Last updated: January 11, 2026