

CURRICULUM VITAE

Sofia Semik

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Goethe University Frankfurt
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EDUCATION

Goethe University, GSEFM, Department of Economics 2020 - present
Ph.D. in Economics (Supervisor: Mathias Trabandt)

Northwestern University, Department of Economics 09/2024 - 12/2024
Visiting Graduate Student (Host: Diego Känzig)

Goethe University, GSEFM, Department of Economics 2020 - 2024
M.Sc. in Quantitative Economics

Bundesbank University of Applied Sciences 2017 - 2020
B.Sc. in Central Banking

PROFESSIONAL EXPERIENCE

Goethe University, Frankfurt am Main, Germany 04/2022 - present
Research and Teaching Assistant, Prof. Dr. Mathias Trabandt, Chair of Macroeconomics

Bundesbank University of Applied Sciences, Hachenburg, Germany 12/2022 - present
Guest Lecturer for Macroeconomics

European Central Bank (ECB), Frankfurt am Main, Germany 06/2023 - 09/2023
Summer Research Graduate Programme Participant in Directorate General Research

Bundesbank University of Applied Sciences, Hachenburg, Germany 06/2020 - 09/2020
Research Assistant, Department of Economics Prof. Dr. Lilli Zimmermann

Deutsche Bundesbank, Frankfurt am Main, Germany 07/2019 - 06/2020
Internships in different departments including Banking Supervision
and Portfolio Management as part of dual Bachelor's degree

RESEARCH INTERESTS

Macroeconomics, Monetary Economics, Climate and Energy, Inequality

RESEARCH

Working Papers

Job Market Paper: Carbon Pricing and Monetary Policy in an Estimated Macro-Climate Model
Inflation, Inequality, and the Business Cycle (with Clara Lindemann and Mathias Trabandt)

Climate Policy Coordination in a Currency Union: Implications for Green transition and Monetary Policy

Publications

Pre-Doctoral Publication:

Determinants of Substantial Public Debt Reductions in Central and Eastern European Countries (with Lilli Zimmermann), *Empirica*, Vol. 49, February 2022, pp.53-70

CONFERENCES AND WORKSHOPS

- 2025 ECB Conference on Monetary Policy 2025, Frankfurt (presenter), Inflation Drivers and Dynamics 2025 Conference, Frankfurt (poster session), EABCN: Can Heterogeneous Agent Models Be Useful for Central Bankers? How?, London (poster session), EEA Annual Congress, Bordeaux (presenter), 19th Annual Dynare Conference on Heterogeneity and Nonlinearities in Macroeconomics in Helsinki, 2CMFI conference at Bayes Business School, London (presenter)
- 2024 Conference on Heterogeneous Agents in Macroeconomic Models at Czech National Bank in Prague (poster session), Bonn-Frankfurt-Mannheim Ph.D. conference at University of Bonn (presenter), Goethe Macro Training School on Heterogeneous-Agent Macroeconomics at Goethe University Frankfurt (by Adrien Auclert, Matthew Rognlie and Ludwig Straub)
- 2023 Bonn-Frankfurt-Mannheim Ph.D. conference at Goethe University Frankfurt (presenter), ECB DG-Research internal seminar as part of Summer Research Graduate Programme (presenter)
- 2022 HANK made Easy – Macro Fluctuations and Policies in THANK at Goethe University Frankfurt (by Florin Bilbiie), EABCN Training School on The Macroeconomics of Climate Change (by Per Krusell and John Hassler)
- 2020 Conference on New Challenges for the social market economics in Poland and Germany between market-oriented and digital transformation at SGH Warsaw School of Economics (presenter)

TEACHING EXPERIENCE

- Teaching Assistant, "**Recent Research in Monetary Economics**" 04/2024 - present
(Prof. Dr. Mathias Trabandt), Master course, Goethe University Frankfurt
- Teaching Assistant, "**Frontier Research in Macroeconomics**" 10/2022 - present
(Prof. Dr. Mathias Trabandt), Ph.D. seminar, Goethe University Frankfurt
- Teaching Assistant, "**Recent Research in Macroeconomics**" 04/2022 - present
(Prof. Dr. Mathias Trabandt), Bachelor seminar, Goethe University Frankfurt
- Teaching Assistant, "**Macroeconomics II**" 01/2025 - 03/2025
(Prof. Dr. Mathias Trabandt), Bachelor course, Goethe University Frankfurt
- Teaching Assistant, "**Monetary Policy Transmission and the Financial System**" (Prof. Beatriz de Blas Pérez, Ph.D.), Bachelor course, 10/2023 - 02/2024
Goethe University Frankfurt
- Lecturer, "**Introduction to Macroeconomics**", Bachelor course, 2022 - present
Bundesbank University of Applied Sciences

PROJECTS

Team member of the Epidemic Macro Model Database: www.epi-mmb.com

SKILLS

Software Knowledge

Dynare, Matlab, Python, Stata, R, EViews, Latex, MS Office

Languages

German (native), English (fluent), French (Intermediate)

REFERENCES

Prof. Dr. Mathias Trabandt

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Goethe University Frankfurt
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Prof. Diego Känzig, Ph.D.

Department of Economics
Northwestern University
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Prof. Dr. Alexander Meyer-Gohde

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