

Personal information

Personal Email

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Home page

<https://gregorboehl.com>

Nationality

German

Research Interests

Public Economics, Dynamic Macroeconomics, Climate Policy, Inequality, Econometrics

Academic Employment

Since 2021

Principal Investigator/Postdoc

University of Bonn, Institute for Macroeconomics and Econometrics
DFG Project 441540692 (“Eigene Stelle”)

2020 - 2021

Postdoc

University of Bonn
Collaborative Research Center Transregio 224 Bonn-Mannheim

2017 – 2020

Postdoc

Goethe University Frankfurt, IMFS/Lehrstuhl Volker Wieland
Macroeconomic Model Comparison Initiative (MMCI) project, jointly with Hoover Institution/Stanford University

Visiting researcher in Stanford in autumn 2018 and 2019

2016 – 2017

PhD Student

University of Amsterdam, CeNDEF
Teaching assistant/server administration

Education

2013 – 2017

PhD

CeNDEF, **University of Amsterdam** and BiGSEM, **Bielefeld University**
European Doctorate in Economics Erasmus Mundus (EDEEM) Program/
Tinbergen Institute Graduate Program (joint degree)

Supervisors: Cars Hommes (UvA) and Herbert Dawid (Bielefeld U.)

2011 – 2012

Master: Economics

University of Granada, Spain
MSc in Economics (with distinction), Supervisor: Nikos Georgantzis, U. Reading, UK

2007 – 2010

Bachelor: Economics &
Social Science

Humboldt University Berlin & TU Dresden, Germany
BSc in Economics, Supervisor: Lutz Weinke, HU Berlin

Research

Publications

A Structural Investigation of Quantitative Easing (with G. Goy and F. Strobel)
Review of Economics and Statistics, 2024

The Hockey Stick Phillips Curve and the Zero Lower Bound (with P. Lieberknecht)
Journal of Economic Dynamics and Control, accepted

The Empirical Performance of the Financial Accelerator since 2008 (with F. Strobel)
Journal of Economic Dynamics and Control, 2024

Estimation of DSGE Models with the Effective Lower Bound (with F. Strobel)
Journal of Economic Dynamics and Control, 2024

Monetary Policy and Speculative Asset Markets
European Economic Review, 2022

Efficient Solution and Computation of Models with Occasionally Binding Constraints
Journal of Economic Dynamics and Control, 2022

Working papers & revisions

DIME MCMC: A Swiss Army Knife for Bayesian Inference
R&R Journal of Econometrics

HANK on Speed: Robust Nonlinear Solutions using Automatic Differentiation
R&R Journal of Economic Theory

Rational vs. Irrational Beliefs in a Complex World (with C. Hommes)
R&R Journal of Economic Behavior and Organization

The Macroeconomics of Labor Shortages (with Brigitte Hochmuth)

Carbon Taxes vs. Green Subsidies: Generational Conflicts and Distributional Consequences (with Flora Budianto)

The Political Economy of Central Bank Reserves as a Tool for Redistribution

The Macroeconomics of Green Transitions (with Flora Budianto and E. Takáts)

The Micro & Macro of (Unconventional) Monetary Policy

Can Taxation Predict US-Top-Wealth Share Dynamics? (with T. Fischer)

Third-party Funding/ Achievements

Funding granted:

2024

Funding from the German Research Foundation (DFG, 223,382€)
DFG Project 441540692 (renewal), *Title: New Horizons in Macroeconomics with Heterogeneous agents*

2021

Funding from the German Research Foundation (DFG, 194,250€)
DFG Project 441540692, *Title: Structural-Empirical Macroeconomic Analysis using Nonlinear Models with the ZLB*

2020

Funding from the Federal Ministry of Education and Research (BMBF) and the Ministry of Culture and Science of the State of North Rhine-Westphalia (MKW) as part of the Excellence Strategy of the federal and state governments (78,000€)
Funding for teaching and research infrastructure for the OSE initiative, together with P. Eisenhauer.

Further proposals:

2024

Funding from the German Research Foundation (DFG, 541,950€)
As part of DFG Priority Programme "META-REP" (SPP 2317), *Title: Replicability and Robustness in Structural Macroeconomics*

Prices/scholarships:

2017	Student price of the Society of Computational Economics for paper “Monetary Policy and Speculative Asset Markets” (1500€)
2014 – 2017	Bielefeld Graduate School in Economics and Management (BiGSEM) Scholarship
2013 – 2014	German Research Foundation (DFG) Fellowship, SFB 882 “ <i>From Heterogeneities to Inequalities</i> ”

Research Visits

Winter 2019/2020	Hoover Institution/SIEPR, Stanford University/CA
Winter 2018/2019	Hoover Institution/SIEPR, Stanford University/CA

References

Prof. Christian Bayer	University of Bonn christian.bayer@uni-bonn.de +49 228 73-734073
Prof. Volker Wieland	Goethe University, Frankfurt wieland@wiwi.uni-frankfurt.de + 49 69 798 252 72
Prof. Cars Hommes	University of Amsterdam c.h.hommes@uva.nl + 31 205 254 246
Kenneth Judd, PhD	Hoover Institution, Stanford judd@hoover.stanford.edu + 1 650 723 5866

Invited Presentations

2024	University of Kiel
2023	WU Vienna
2022	University of Freiburg, University of Leipzig, TU Vienna
2020	University of Bonn
2019	Lund University, University of Linz
2017	Goethe University Frankfurt, Norges Bank Oslo

Conference Presentations

2024	Theories and Methods in Macro (T2M, Amsterdam), Meeting of the Society of Economic Dynamics (SED, Barcelona), Numerical Methods in Macroeconomics (Frankfurt)
2022	Konstanz Seminar on Monetary Theory and Policy, Jahrestagung VfS (Basel)
2021	ETH Workshop on Computational Economics (Zürich)
2019	MMCI (Frankfurt), Conference of the Society of Economic Measures (Frankfurt), PASC (Zürich), Conference on Computing in Economics and Finance (Ottawa), Jahrestagung VfS (Leipzig), Workshop on Dynamic Econometrics (Oxford), IWH-CIREQ-GW Macroeconometric Workshop (IWH)
2018	MMCI (Stanford), EEA Annual Congress (Cologne), Jahrestagung VfS (Freiburg)
2017	Cattaneo Conference on Inequalities (Bologna), Conference on Computing in Economics and Finance (New York)
2016	German Network for New Economic Dynamics (Bamberg), DNB Learning Conference (Amsterdam), EDEEM Meeting (Lisbon), Conference on Computing in Economics and Finance (Bordeaux), WEHIA (Castellon), Hamburg Complexity Workshop, CeNDEF Lunch Seminar (Amsterdam)

2015	German Network for New Economic Dynamics (Darmstadt)
2014	Conference on Computing in Economics and Finance (Oslo)
Teaching	
Winter 2024/2025	Quantitative Macroeconomic Dynamics Master course, University of Bonn
Winter 2022/2023	Quantitative Macroeconomic Dynamics Master course, University of Bonn
Summer 2021	Introduction to programming for economists Bachelor/Master course, University of Bonn
Winter 2020/2021	Effective programming practices for economists Master/Phd course, University of Bonn (w. Hans-Martin v. Gaudecker)
Summer 2020	Introduction to programming for economists Bachelor/Master course, University of Bonn
Summer 2019	Macro-financial modeling, fiscal and regulatory policy Master/PhD seminar, Goethe University Frankfurt (w. Volker Wieland)
Summer 2018	Macro-financial modeling: economic frictions, monetary and fiscal policy Master/PhD seminar, Goethe University Frankfurt (w. Volker Wieland)
Winter 2016/2017	Mathematical economics for econometricians Bachelor & Master level, University of Amsterdam
Other Academic Activity	
Since 2022	Vertreter der wissenschaftlichen Mitarbeiter im Prüfungsausschuss (representative of academic staff in the university's examination board), University of Bonn
Since 2022	Stellvertreter der wissenschaftlichen Mitarbeiter in Fakultät, Fachbereich und Fakultätsrat (representative of academic staff in the university's self-administration), University of Bonn
Computer Skills	
Programming languages	Python, Julia, Matlab, Bash, JavaScript, R, C
IT/Development/Web	HPC, cluster & server maintenance, system administration, SQL, HTML, JavaScript, unix shell
Non-Academic Employment	
2012 – 2013 IT Consultant	Freelance activity (based in Gothenburg and Berlin) Software development and consulting for DACH market entry of tech-startups
2011 – 2012 Social Worker	Youth-educational center <i>Kurt Löwenstein Haus</i> Workshops with socially disadvantaged young people
2007 – 2011 Professional Musician / Guitar Instructor	Professional guitar player E.g. <i>Universal Music Group</i> and <i>HitmenMusic</i> , teaching at <i>Musikschule Dresden KOMMA, Die</i>