

## Personal information

Email [mail@gregorboehl.com](mailto:mail@gregorboehl.com)  
Web <https://gregorboehl.com>  
Nationality German

## Research Interests

Primary Monetary theory, applied macroeconometrics, computational economics  
Secondary Economic inequality, nonlinear dynamics, chaos

## Academic Employment

Since 2017 IMFS, **Goethe University Frankfurt**  
Assistant Professor (non-tenure track) MSCI project (jointly with Hoover Institution/Stanford)  
2016 – 2017 Center for Nonlinear Dynamics in Economics and Finance (CeNDEF)  
Research Assistant Teaching/server administration

## Education

2013 – 2017 CeNDEF, **University of Amsterdam** and BiGSEM, **Bielefeld University**  
PhD European Doctorate in Economics Erasmus Mundus (EDEEM) Program/  
Tinbergen Institute Graduate Program  
Supervisors: Cars Hommes (UvA) and Herbert Dawid (Bielefeld U.)  
**Thesis:** *Macroeconomic Dynamics, Heterogeneity, and Policy Design*  
2011 – 2012 University of Granada, Spain  
Master: Economics MSc in Economics (distinction), Supervisor: Nikos Georgantzis, U. Reading, UK  
2007 – 2010 Humboldt University Berlin & TU Dresden, Germany  
Bachelor: Economics & Social Science BSc in Economics, Supervisor: Lutz Weinke, HU Berlin

## Funding proposals

2019 3-year project proposal for the German Research Foundation (DFG, status pending):  
*Structural-Empirical Macroeconomic Analysis Using Nonlinear Models with the ZLB*

## Achievements & Grants

2017 Student price of the Society of Computational Economics  
2014 – 2017 Bielefeld Graduate School in Economics and Management (BiGSEM) Scholarship  
2013 – 2014 German Research Foundation (DFG) Fellowship, SFB 882 *“From Heterogeneities to Inequalities”*

## Conference Presentations

2019 MSCI (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 Economics (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)

## Invited Presentations

2020 (scheduled)	Deutsche Bundesbank, De Nederlandse Bank
2019	Lund University, University of Linz
2017	Goethe University Frankfurt, Norges Bank (Oslo)

## Research Visits

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

## References

### Kenneth Judd, PhD

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### Prof. Volker Wieland, PhD

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### Prof. Dr. Cars Hommes

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### Prof. Dr. Herbert Dawid

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## Teaching

Summer 2019	Macro-Financial Modeling, Fiscal and Regulatory Policy (Master/PhD seminar, w. Volker Wieland)
Summer 2018	Macro-Financial Modeling: Economic Frictions, Monetary and Fiscal Policy (Master/PhD seminar, w. Volker Wieland)
Winter 2016/2017	Mathematical Economics for Econometricians, Bachelor & Master level

## Computer Skills

Programming languages	Python, C, R, Java, Matlab, Unix shell
IT/Development/Web	HPC, cluster & server maintenance (Unix-like), system administration, SQL, HTML, JavaScript

## Languages

Mother tongue	German
Other languages	English, Spanish, French, Swedish, Dutch

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## Non-Academic Employment

2012 – 2013 IT Consultant	Freelance activity (based in Gothenburg and Berlin) Focus on DACH market entry of francophone tech-startups and IT development
2011 – 2012 Social Worker	Youth-educational center <i>Kurt Löwenstein Haus</i> Workshops with socially deprived young people
2008 – 2011 Professional Musician and Guitar Instructor	Professional guitar player E.g. <i>Universal Music Group</i> and <i>HitmenMusic</i> , teaching at <i>Musikschule Dresden</i> <i>KOMMA, Die</i>

## Research/Publications

Monetary Policy and Speculative Stock Markets (submitted, under revision)

Can Taxation Predict US-Top-Wealth Share Dynamics? (with Thomas Fischer, previously submitted, in preparation for re-submission)

On the Evolutionary Fitness of Rationality in Financial Markets (with Cars Hommes, in preparation for submission)

An Efficient Solution of Systems with many Occasionally Binding Constraints (in preparation for submission)

Filtering and Estimation of large-scale nonlinear Models (in preparation for submission)

A Structural Investigation of Quantitative Easing (with Felix Strobel, in preparation for submission)

US Business Cycle Dynamics at the Zero Lower Bound (with Felix Strobel, in preparation for submission)

The Financial Phillips Curve, Disinflation, and the ZLB (with Philipp Lieberknecht, in preparation for submission)

The Structural Effects of US Interest Rate Policy at the ZLB (in preparation for submission)

Current drafts and work in progress can be found at <https://gregorboehl.com>. My open source work is available on <https://github.com/gboehl>.