

ROBERT SCHALL

Ph.D. Candidate in Economics

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SUMMARY

Currently in the 5th year of my Ph.D. Research interests and teaching experiences lie in the field of macroeconomics with special focus on quantitative models of heterogeneity and inequality.

SKILLS

Software: Matlab, Julia, R, HTML, Dynare, MS Office, Stata, Latex.

Languages: **German**-native, **English**-fluent/CAE, **Italian**-B1, **Swahili**-basic, **Latin**-proficiency certificate, **French**-basic.

WORK IN PROGRESS

Prospective Job Market Paper **Wind of Structural Change - The Economic Transformation of East Germany and the Occupational Status Gap**

Exploiting geographic variation in firm liquidations alongside detailed occupational data, we investigate East Germany's post-reunification economic transformation through the lens of social status dynamics; our advanced causal identification strategy reveals that, contrary to naive estimates, intense firm closures cause declines in occupational status.

Thesis Chapter **Agriculture, Productivity, and Land Distribution in Developing Countries**

Using a model of crop choice, I show how inefficiencies in goods markets drive subsistence farmers to endogenously choose low productivity crops, despite the suitability of the soil for such crops.

Thesis Chapter **Education Mismatch Through Early School Tracking Policies**

Track choice happens early in Germany's education system. By analyzing data, I reveal a high prevalence of mismatched students and observe that track-switching is uncommon. Through the lens of a simple model, I estimate the cost of limited track-switching.

ECB Working Paper Series **How well-behaved are revisions to quarterly fiscal data in the euro area?** ecb.europa.eu
with Krzysztof Bańkowski and Thomas Faria

EDUCATION

since 8/2020 **Ph.D. Researcher in Economics** **European University Institute, Italy**
Research in Macroeconomics, Inequality and Misallocation

10/2017–8/2019 **M.Sc. Economics** **University of Konstanz, Germany**
Major in Macroeconomics and International Economics

10/2017–8/2019 **M.Sc. Economics and Econometrics** **University of Essex, UK**
as part of a double degree program.

10/2013–6/2017 **B.Sc. Economics** **University of Konstanz, Germany**
Major in Quantitative Economics - two Erasmus semesters at the University College Cork

WORK EXPERIENCE

- 9/2019–7/2020 **Trainee, Fiscal Policies Division** **European Central Bank, Frankfurt a.M., Germany**
- Supported country experts and central bank representatives during forecasting exercises of time series.
 - Participated in the development of a semi-structural multi county model. Particularly with respect to the introduction of fiscal variables, the estimation of respective parameters and the analysis of fiscal shocks.
- 7/2018–9/2018 **Research Assistant for Dr. Keith Palmer OBE** **Enterprise for Development, London, UK**
- Developed a study reassessing key macroeconomic indicators for Ghana and Tanzania in the context of sustainability.
- 6/2017–8/2017 **Intern, macroeconomic research** **ifo Institute Dresden Branch, Germany**
- Reconstructed the distribution pattern of EU development funds to predict the amount of funds received by Saxony in the next funding period.
 - Provided literature reviews about growth opportunities of infrastructure investments and broadband extensions through state funding.
 - Processed data sets to estimate future employment trends in Saxony.
- 4/2017–6/2017 **Intern, experimental research** **Los Angeles Behavioral Economics Laboratory at USC, US**
- Recognized with a Natural Science Foundation award by Prof. Isabelle Brocas "Attentional lookups as a measure of reasoning and motivation".
- 5/2016–9/2016 **Intern, Global Competence Center Materials** **HeidelbergCement AG, Heidelberg, Germany**
- Developed e-learning modules on pricing, financial accounting and product costing models.
- 8/2012–9/2013 **Development voluntary service** **Pandahill Secondary School, Mbeya, Tanzania**
- Taught and examined O-Level and A-Level students in computer studies.

TEACHING EXPERIENCE

- since 12/2023 **Matlab Programming Bootcamp and Tutor** **European University Institute**
- Lecturer of a PhD level course and university wide contact person for Matlab related questions.
- 10/2022–4/2024 **Teaching Assistant for Life-Cycle Heterogeneous Agents Models** **European University Institute**
- Ph.D. advanced course taught by Prof. Jesus Bueren
- 4/2022–5/2022 **Teaching Assistant for Macroeconomics III** **European University Institute**
- Ph.D. compulsory course taught by Prof. Alexander Monge-Naranjo.
- 9/2021–1/2022 **Grader for International Economics** **New York University Florence**
- Undergraduate course taught by Prof. Giampiero M. Gallo.
- 10/2018–4/2019 **Teaching Assistant for Macroeconomics I** **University of Konstanz**
- Undergraduate course taught by Prof. Nawid Siassi.