

Florian TROUVAIN

CONTACT

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<https://florian-trouvain.com>

EDUCATION

Sep 2017 – May 2023 PH.D. STUDENT IN ECONOMICS, University of Michigan
Microeconomics qualifier exam (with highest distinction)
Macroeconomics qualifier exam (with highest distinction)

July 2016 M.Sc. ECONOMICS, London School of Economics

August 2015 B.A. PHILOSOPHY AND ECONOMICS, University of Bayreuth, Germany

RESEARCH INTERESTS

MACROECONOMICS, INTERNATIONAL ECONOMICS, MACRO-DEVELOPMENT

CHAPTERS OF DISSERTATION

1. **Technology Adoption, Innovation, and Inequality in a Global World** (Job Market Paper)

Abstract: Economic Growth since the mid 1990s is characterized by i) declining cross-country inequality, ii) rising within-country inequality, and iii) overall weak growth in advanced economies. I provide a unifying explanation for these facts by developing a theory of long-run growth that focuses on the interaction of innovation and technology adoption in a globalized world. I model both activities as skill-intensive, and study how goods market integration with emerging markets shapes the returns to innovation vis-a-vis technology adoption. While the development of frontier technology in advanced economies is boosted by globalization, increasing innovation comes at the cost of rising inequality and reduced domestic technology adoption. When ideas are getting harder to find, the growth drag from reduced adoption dominates positive innovation effects, which explains slow TFP growth and stagnant wages for non-college workers in advanced economies. The mechanism is corroborated by cross-sectional evidence from German micro data, which leverages regional specialization in innovation vs. production together with the fall of the Iron Curtain.

2. **Structural Change, Inequality, and Capital Flows**

3. **Uneven Growth, Savings, and Investment**

WORK IN PROGRESS

"Human Capital Risk and Urbanization in Developing Countries."

"Technological Change in China: Evidence from the Shipping Industry." with Brian Wu

RESEARCH EXPERIENCE

August 2022	Dissertation Summer Fellowship, St. Louis Fed
July 2020 – Sep 2020	Fund Summer Intern, International Monetary Fund
July 2016 – June 2017	Full-time Research Assistant for Professor Daniel Sturm, London School of Economics

TEACHING

2020	Macroeconomics for undergraduates, University of Michigan
2018	Microeconometrics for undergraduates, University of Michigan

HONORS AND AWARDS

July 2022	STEG SMALL RESEARCH GRANT £15,000 research funding awarded by the STEG research program.
Jan 2022 – Apr 2022	WOYTINSKY DISSERTATION FELLOWSHIP Awarded by the Department of Economics, University of Michigan.
July 2021	ROSS CHINA RESEARCH AWARD \$ 6,000 research funding awarded by the Ross School of Business.
Jan 2020 – Dec 2022	GERMAN ACADEMIC SCHOLARSHIP FOUNDATION Fully-funded Doctoral Scholarship.

PROFESSIONAL ACTIVITIES

Referee. IMF Economic Review.

Invited Conferences and Seminars.

2022. 100 Years of Economic Development (Cornell), Midwest Macro Fall Meetings, European Winter Meeting of the Econometric Society, Tel-Aviv University, Reichman University.

2021. European Winter Meeting of the Econometric Society, Indian Winter Meeting of the Econometric Society, Society for Economic Dynamics Annual Meeting, STEG Theme 3 Workshop, 23rd INFER Annual Conference, SMYE 2021, 13th FIW-Research Conference, Oxford NuCamp PhD Workshop, EGSC (Washington University in St. Louis).

PROGRAMMING SKILLS

STATA, R, ArcGIS, Python, Julia, Matlab

CITIZENSHIP & LANGUAGES

Citizenship: German (F1 visa status)

Language: German (native), English (fluent), French (intermediate)

CLEARANCES

US Census Bureau Special Sworn Status

REFERENCES

JOHN V. LEAHY, jvleahy@umich.edu

DMITRIY STOLYAROV, stolyar@umich.edu

LINDA L. TESAR, ltesar@umich.edu