Philip Hanspach

philip.hanspach@eui.eu | +49 (0)1573 4948938

EDUCATION

EUROPEAN UNIVERSITY INSTITUTE | PhD in Economics

Since September 2019 | Florence, IT

- Dissertation topic and supervisors to be determined. Provisional supervisor: Prof. Thomas Crossley.
- Standard first-year PhD coursework plus electives in Economics of Innovation and Uniformly Valid Inference and Big Data.

TOULOUSE SCHOOL OF ECONOMICS | Master in Economics

Sep 2015 - Sep 2017 | Toulouse, FR • Grade: 17.982/20 ("Mention Très Bien"/"With Distinction")

- Second-year program: Economics of Markets and Organizations (focus on industrial organization and competition.)
- Coursework (selection): Air Transport Economics, Competition and Law, Data Bases, Econometrics, Energy Markets.
- Master thesis: "Gains From Trade In Electricity Markets: The Case Of France and the UK", supervised by Prof. Farid Gasmi.

NATIONAL UNIV. OF SINGAPORE | Study-integrated semester abroad

Aug-Dec 2014 | Singapore, SGP

- Coursework: Economy of Modern China, ASEAN Economies, Money and Banking.

UNIVERSITY OF BONN | Volkswirtschaftslehre B.Sc. (B.Sc. in economics)

Aug 2012 - Jul 2015 | Bonn, GER • Grade: 1.5 (very good)

- Bachelor thesis: "Executive Compensation in Germany", supervised by Prof. Hendrik Hakenes.

EXPERIENCE

NERA ECONOMIC CONSULTING GMBH | Research Officer, later promoted to Economic Analyst

Oct 2017 - Sep 2019 | Berlin, GER

- Contributed to more than 10 projects dealing with merger clearance and cartel damages claims (EU/national). Communication with clients and their legal counsel.
- Conducted a wide range of analytic tasks, including econometric analyses of time-series and panel data in large and small samples. Independent writing of and contribution to economic reports to be submitted for litigation.
- Industries I have worked with: chemicals, sugar, public transport, FMCG, automotive, telecommunication, payment cards.

TOULOUSE SCHOOL OF ECONOMICS | Research Assistant

Apr 2017 - Jul 2017 | Toulouse, FR

- Analyzed and organized micro-level data on household expenditure for a project on consumer behavior. Researched appropriate econometric methods for analysis of panel data.

UNIVERSITÉ TOULOUSE 1 - CAPITOLE | Teaching Assistant

Jan 2017 – Apr 2017 | Toulouse, FR

- Gave tutorials (in French) for a first-year Macroeconomics class. Corrected exams in a first-year Macroeconomics class.

SÜDWESTTEXTIL E.V. | Intern

May 2016 – Jul 2016 | Stuttgart, GER

- Supported the work of the director of a trade association representing the textile industry in south-west Germany.
- Ran financial analyses to design a new fee scheme for 200 member companies.

INSTITUTE FOR FINANCIAL ECONOMICS AND STATISTICS, UNIV. OF BONN | Teaching Assistant

Apr 2015 – Jul 2015 | Bonn, GER

- Gave tutorials in undergraduate-level Corporate Finance. Received an award for teaching quality by student choice.

SOME SKILLS

Experienced
MS Office • Stata • Matlab
Intermediate
Python • R • QGIS
Certificates
Coursera online course in Machine Learning

LANGUAGES & INTERESTS

German: native | English: business fluent | French: fluent (B2) | Italian: beginner (A1)

Women in Economics Initiative, Head of Research since 2019
The TSEconomist (student magazine), Organization Chief (2016-2017)
Stiftung der deutschen Wirtschaft gGmbH (Foundation of the German Economy), Scholarship of academic excellence, 2013 - 2017
The Bonn Journal of Economics (student run academic journal), Editor (2013-2014)

Applicant's interest in AI

I am applying to the NBER virtual workshop on the Economics of Artificial Intelligence to help me translate my interest in artificial intelligence into a research agenda that I can successfully pursue during my PhD. My interest expresses itself for example in courses that I have taken at university level and outside (e.g. a machine learning course taught by Andrew Ng on Coursera and an elective course on Uniformly Valid Inference touching upon machine learning topics and papers, two of which I refereed as part of the course evaluation).

In addition, I regularly join the AI reading group in my PhD program to exchange new ideas about the economics of artificial intelligence with likeminded peers. My own research interest regarding AI is related firstly to the economics of competition, a field in which I specialized during my master and where I was active as a practitioner later. In particular, I think about the dynamics that artificial intelligence introduces to competition between platforms in two-sided markets and its impact on competition policy. Another research interest is optimal industrial policy regarding AI, i.e. how economic policy should relate to AI and use it to strengthen economies beyond the hype.

Secondly, through my advocacy at the Women in Economics Initiative, I have become increasingly aware of gender bias in the application of algorithms to human life and human data. When formulating a research agenda for the economics of artificial intelligence, I see a chance to give due weight to facets of economic life that have received too little attention in the mainstream literature. In particular, this includes economic activity beyond paid work (leisure, care- and house-work).