

# Ulrich Bergmann

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## Education

- Expected June 2021 **Ph.D Economics**, University of Zürich, CH.  
Supervisor: Ernst Fehr. My research focusses on behavioral and experimental economics, auction design, and reproducible science. My research analyses the foundational underpinnings of context dependent choice and the influence of order effects on auction revenue for budget constrained bidders. I promote and teach the merits and tools to construct reproducible, automated pipelines for data analysis using Python and R.
- 2014 **M.Sc. Economics**, GPA: 1.6, University of Bonn, DE.  
Supervisor: Matthias Kräkel. My master studies were focussed on microeconomic theory (game theory, mechanism design, auction theory) and behavioral economics. In my thesis I analyse the motivational effects of wage schemes given heterogeneously talented workers in a firm.
- 2012 **B.A. Philosophy & Economics**, GPA 1.5, University of Bayreuth, DE.  
Supervisor: Stefan Napel. My bachelor studies were focussed on game theory, practical and theoretical models of negotiations, formal logics, and industrial organisation. My thesis analyses the influence on monopoly power on consumer welfare in the presence of retroactive rebate schemes.

## Visiting and Temporary Positions

- 2019 – 2020 **Columbia University**, NY, USA, Visiting Researcher.  
Host: Michael Woodford. Cognition and Decision Lab [↗](#)
- 2014 – 2015 **Düsseldorf Institute for Competition Economics**, DE, Ph.D. Economics.  
Supervisor: Christian Wey. Transfer to Zürich in 2015
- 2009 – 2010 **University of Barcelona**, ESP, Erasmus Exchange.

## Experience

- 2012 **Daimler AG**, *Part Time Analyst*, Raw material procurement (2 months).  
I performed statistical analyses of the US steel market to support strategic decision making regarding future supplier relationships.
- 2011 – 2012 **Daimler AG**, *Internship*, Strategic procurement (6 months).  
I developed the design of two procurement auctions used to buy the majority of raw materials for the manufacturer's best selling car model.

## Work in Progress

**Auction Design and Order of Sale with Budget-Constrained Bidders.**  
joint with Arkady Kononov

**The Limits of Perceptual Models of the Decoy Effect.**  
joint with Remi Daviet and Ernst Fehr

**The Merits of Automated Research Workflows for Reproducible Science.**  
joint with Lachlan Deer and Julian Langer

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## Teaching

### Programming

Zürich **Programming Practices for Economists (PhD)**, *Instructor*.

2020 [↗](#) & 2018 [↗](#). Main instructor for Bash, Git, R, automated research pipelines using Python and R. Support for Python.

**Software Carpentry**, *Instructor*.

2019 [↗](#). Main instructor for Bash and Git at the Center for Reproducible Science.

### Economics

**Advanced Microeconomics I & II (Master)**, *Teaching Assistant*.

2016, Summer & Winter 2017. Game Theory; Contract Theory; Consumer and Firm Behavior; Market Demand, Supply, and Equilibria.

Bonn **Microeconomics (Bachelor)**, *Teaching Assistant*.

2012, 2013 & 2014. Consumer and Firm Behavior; Market Demand, Supply, and Equilibria.

Bayreuth **Microeconomics (Bachelor)**, *Teaching Assistant*.

2008 & 2010. Consumer and Firm Behavior; Market Demand, Supply, and Equilibria.

### Other

**Scientific writing (Bachelor)**, *Teaching Assistant*.

Summer 2009

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## Awards, Fellowships & Grants

2020 **Research Grant**, *UZH Director's Grant*.

2019 **Exchange Fellowship**, *Swiss National Science Foundation*, 12 months.

2014 **PhD Fellowship**, *German Research Foundation*, DFG GRK 1974, 3 years.

2013 & 2014 **Best Instructor Award**, *University of Bonn*.

2009 **Erasmus Scholarship**, *University of Bayreuth*, 12 months.

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## Other Experience

since 2019 Refereeing for Experimental Economics [↗](#).

2017 – 2019 Ph.D Representative on Faculty and Department Level.

2015 – 2019 Cohort Representative for the Development of Zürich Graduate School.

2018 Ph.D Representative in Promotion Committee of Prof. Dr. Michel Marechal.

2017 Ph.D Representative in Hiring Committee for Prof. Dr. Nir Jaimovich.

2008 Organization of 'Bayreuther Dialoge' Conference.

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## Participation in Workshops and Summer Schools

2019 Sloan-NOMIS Workshop on the Cognitive Foundations of Economic Behavior [↗](#).  
New York University

2018 Sloan-NOMIS Summer School on the Cognitive Foundations of Economic Behavior [↗](#).  
Vitznau

2018 Sloan-NOMIS Workshop on Attention and Choice [↗](#).  
New York University

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## Skills

### Languages

German (native), English (fluent), Spanish (conversational)

### Software

Scientific R, Python, Snakemake, L<sup>A</sup>T<sub>E</sub>X, Mathematica

Tidyverse, Numpy, Pandas, Scikit-Learn

General Bash, Git, SQL, Markdown, MS Office (incl. VBA programming),  
MacOS, Linux, Windows