

E-Mail: gerrit.bauch@uni-bielefeld.de
<https://gbauch.github.io/>
Tel.: +49 521 106 4918

Curriculum Vitae

Personal Information

Date of Birth: September 17, 1993
Place of Birth: Oberkirch, Germany
Nationality: German
Gender: Male
Address: Forellenweg 9, 33619 Bielefeld, Germany

Academic Education

Bielefeld University

2019 ongoing: BiGSEM doctoral student under the supervision of Prof. Dr. Riedel., Bielefeld University. Second supervisor: Prof. Andreas Blume, PhD, University of Arizona.

University of Arizona

2022 Jan-May: visiting scholar at the Eller College of Management, University of Arizona

Ruprecht-Karls-University Heidelberg

2015-2019 Master of Science in mathematics (field of application: economics). Title of thesis: *Über eine Vermutung aus der Theorie Siegelscher Modulformen im Spezialfall $g = 2$ und $k = 5/2$* . Supervisor: Prof. Dr. Rainer Weissauer. Overall grade: 1,1.

2012-2015 Bachelor of Science in mathematics (field of application: economics). Title of thesis: *Algebraisch-Geometrische Codes*. Supervisor: Prof. Dr. Kay Wingberg. Overall grade: 1,4.

Hans-Furter-Gymnasium Oberkirch

2012 General higher education entrance qualification. Overall grade: 1,3.

Talks

Invited talks:

- *Ambiguity aversion and the direction of dynamic inconsistency in sender-receiver games of common interest*
Talk at the SAET 2023 in Paris, France, on July 17 2023)
- *The Texas Shoot-Out under Knightian Uncertainty*
Talk at the Summer School on Risk and Uncertainty in Economics, Insurance and Finance 2023 in Bielefeld, Germany, on July 7 2023.
- *The Texas Shoot-Out under Knightian Uncertainty*
Talk at the RUFE 2023 conference in Johannesburg, South Africa, on April 4 2023.

- *The Texas Shoot-Out under Knightian Uncertainty*
Talk at the Stony Brook International Conference on Game Theory in Stony Brook, Long Island, on July 21 2022.
- *The Texas Shoot-Out under Knightian Uncertainty*
Online talk at the SAET 2022 at the ANU on July 21 2022)
- *The Texas Shoot Out under Knightian Uncertainty*
Talk at the economics seminar at the Eller College of Management at the University of Arizona, Tuscon on March 23, 2022.
- *What did you say? Introducing a Metric-Dependent Stochastic Noise to Voronoi Languages*
IBE/Brown bag seminar at the Eller College of Management at the University of Arizona, Tuscon on February 10, 2022.
- *Effects of Noise on the Grammar of Voronoi Languages*
Online talk the advanced seminar on general linguistics at the University of Tübingen on May 4 2021.

Talks at workshops and summer schools:

- *The Texas Shoot Out under Knightian Uncertainty*
Talk at the summer school Risk and Uncertainty in Economics, Insurance and Finance at Bielefeld University on July 4 2023.

Grants and Scholarships

2022: DAAD doctoral scholarship

2022: BGTS mobility grant

Working and Teaching Experience

Bielefeld University

2022 ongoing: Member of the MODUS excellence initiative and the Center for Uncertainty Studies

2020 ongoing: IT support at the IMW

2019 ongoing: Scientific employee at the Center for Mathematical Economics (IMW)

2023: Tutorial on Risk and Insurance (undergraduate)

2023: Practical lecture on risk and insurance (undergraduate)

2023: Member of an appointment committee

2022: Reading group on "recent developments in game theory and general equilibrium theory" (graduates, scholars)

2021: Teaching assistant in mathematics for economists 2

2020: Teaching assistant in microeconomics 2 (graduate)

2019/20: Tutorials on game theory (undergraduate)

2021 April-December: Advisory service for mathematics at the Faculty of Business Administration and Economics, including organization of the practical tutorials of the lectures "mathematics I + II" as well as organizing the "preparatory course" in mathematics for first term students.

Ruprecht-Karls-University Heidelberg

2016/17: Teaching assistant in complex analysis 2 (undergraduate)

2018: Teaching assistant in complex analysis 1 (undergraduate)

2015-2019 several tutorials on real analysis, algebra (Galois theory), complex analysis (undergraduate).

Extracurricular Activities

May 2021 - October 2023: Doctoral Representative of the Bielefeld Graduate School of Economics and Management

Since 2019: Member of the German-Swedish Society, Heidelberg e.V.

Language Skills

German (native), English (fluent), Swedish (fluent), French (B2), Chinese (HSK 4)

IT & Programming

sagemath, maple, mathematica, \LaTeX , python, html, haskell, C++, desktop management with ivanti LANDESK, Roxen 17