

Gerrit Bauch
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July 1, 2023

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Curriculum Vitae

Personal Information

Doctoral Representative of the Bielefeld Graduate School of Economics and Management
Member of the German-Swedish Society, Heidelberg e.V.

Education

Bielefeld University

since **2019**: 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

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 Allgemeine Hochschulreife. 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 on July 17 2023)
- *The Texas Shoot-Out under Knightian Uncertainty*
Talk at the RUFÉ 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

since **2020:** IT support at the IMW

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

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)

summer term **2021:** Teaching assistant in mathematics for economists 2

summer term **2020:** Teaching assistant in microeconomics 2 (graduate)

winter term **2019/20:** Tutorials on game theory (undergraduate)

2021 Apr-Dec: 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

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

summer term **2018:** Teaching assistant in complex analysis 1 (undergraduate)

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

Language Skills

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

Programming

sagemath, maple, mathematica, LaTeX, python, html, haskell, C++