# JULIAN MATTHES

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## EDUCATION

**PhD (Dr. rer. pol.) Economics** | *Supervisor: J. Oechssler*     November 2021 – today
Heidelberg University

**Visitor** | *Host: R. Spiegler*     January 2025 – March 2025
University College London

**Visiting PhD student** | *PhD Courses Economics*     September 2021 – March 2023
Mannheim University

**MSc Mathematics**| *Grade: 1.2*     April 2020 – November 2021
Heidelberg University

**BSc Mathematics**| *Grade: 1.5*     October 2016 – April 2020
Heidelberg University

## RESEARCH IN PROGRESS

**On the Demand for Mental Models**
with K. Momsen. Behavioral Economics (Theory-Driven Online Experiment).

**Economic Decision-Making during Moderate Physical Exercise**
with C. Dindorf. Behavioral Economics (Lab Experiment).

**Optimal Appraisal: An Economic Theory of Emotions**
with C. Staner. Behavioral Economics (Theory).

**Cross-Ownership and Public Good Provision**
with J. Oechssler and D. Piazolo. Industrial Organization (Applied Theory).

**Identifying Premeditated Cheating in Contests**
with D. Piazolo. Contest Theory.

## PEER-REVIEWED JOURNAL ARTICLES

**Don't Put All Your Legs in One Basket - Theory and Evidence on Coopetition in Road Cycling**
with D. Piazolo. Applied Game Theory.
*European Economic Review*, 2024, Volume 170.

**Finding Large Rainbow Trees in Colourings of $K_{n,n}$**
Single-authored. Graph Theory.
*Electronic Journal of Combinatorics*, 2023, Volume 30, Issue 4.

## PRESENTATIONS AND SUMMER SCHOOLS

**Seminar Presentations**
University of Reading (ROSES Seminar, October 2024), Heidelberg Economics Seminar (December 2023).

**Workshop and Conference Presentations**
HeiKaMaX (Mannheim, October 2025), Zeuthen Workshop on Cognitive Foundations of Economic Behavior (Copenhagen, May 2025), HeiKaMaXY (Mannheim, October 2024), VfS Jahrestagung (Berlin, September 2024), ESEA Conference (Rotterdam, August 2024), CMID Conference (Budapest, July 2024), Workshop on Sports, Economics and Natural Experiments (Zurich, June 2025), HeiKaMaXY (Karlsruhe, March 2024), TSE Summer School (Toulouse, 2023).

**Poster Presentations**
2nd EER Summer School (Rome, June 2025), Summer School on Narratives, Beliefs, and Memory (Riederau, organized by WZB and LMU, September 2024).

**Summer Schools**
2nd EER Summer School (Rome, June 2025), Summer School on Narratives, Beliefs, and Memory (Riederau, September 2024), COMP Summer School (June 2024, Universitat Pompeu Fabra), BOSA Winter School (Ghent, February 2024), Estimating the Production Function (Mannheim, July 2023), Summer School in Quantitative Social Sciences (June 2023, IAST at Toulouse School of Economics).

## TEACHING EXPERIENCE

**Teaching Assistant to Prof. J. Oechssler**   April 2021 – today
Heidelberg University   Heidelberg, Germany

Courses: Game Theory, Advanced Microeconomics, and Industrial Organization.
Seminars: Algorithmic Collusion, Theories of Motivated Reasoning.
Supervision of 2 Bachelor's Theses on extensions of Matthes & Piazolo (2024).

**Course Instructor (Principles of Economics)**   Summer Terms 2023 – 2025
DHBW Mannheim   Mannheim, Germany

**Course Instructor (Maths Preparation Course)**   Winter Terms 2017 – 2021
Leibniz FH - School of Business   Hannover, Germany

**Student Teaching Assistant**   October 2017 – September 2021
Heidelberg University   Heidelberg, Germany

Courses: Modular Forms, Linear Algebra 1, Algebra 1, Analysis 1, Analysis 2, Introduction to Probability Theory and Statistics.

## ACADEMIC COMMUNITY INVOLVEMENT

**Games and Economic Behavior, Theory and Decision**
Referee Duties

**HeiKaMaXY: Behavioral Econ Workshop for Heidelberg, Karlsruhe, and Mannheim**   2024 – today
Co-Organizer (workshop takes place twice a year)

**Micro Fidays: Microeonomic Theory Seminar for Juniors in Heidelberg**   2025 – today
Co-Organizer (seminar takes place monthly)

## COMMUNITY INVOLVEMENT

**Namaste Didi e.V. (non-profit organization)**   November 2020 – today
First Chairman

## OTHER EXPERIENCE

**Research Assistant**   April 2021 – July 2021
ZEW - Public Finance and Corporate Taxation (Dr. Leonardo Giuffrida)   Mannheim, Germany

**Student Consultant**   June 2020 – March 2021
GalileiConsult   Heidelberg, Germany

**Data Science Intern**   October 2020 – December 2020
Backpackertrail   Heidelberg, Germany

## SKILLS

**Languages**: German (Native), English (C1), Spanish (B1), French (B1).

**Programming Experience**: Python (experience with oTree, NumPy, SciPy, Matplotlib, Pandas, Selenium), MATLAB, STATA, R, HTML.

**Text Editing**: LaTeX, Markdown, Microsoft Office.