

**EDUCATION**

- Technical University of Munich – Mathematics (Ph.D.)** since 11/2023
- TUM TopMath Ph.D. Program – part of the Elitenetzwerk Bayern and the TUM Graduate School
  - Advised by Prof. Kühn (TU Munich, Stochastic Dynamics)
  - Research interests: Dynamical Aspects of (singular) Stochastic PDEs, Rough Paths & Regularity Structures, Equivariant and Geometric Methods
- Technical University of Berlin – Visiting Research Student** 04/2022 – 10/2022
- Research project „Towards Abstract Wiener Model Spaces” with Peter Friz: an extension of the classical theory of Abstract Wiener Spaces to the general framework of Rough Paths and Regularity Structures & applications to large deviation principles, Fernique estimates, and Cameron—Martin theorems
  - Attended courses, seminars, and research seminars at TU Berlin, HU Berlin, and FU Berlin: Malliavin Calculus, CFT, Gaussian Free Fields, SPDEs
  - Assisted with teaching Probability Theory III/Stochastic Processes II: suggesting and preparing exercises and solutions for weekly problem sheets, answering students’ technical questions by email and during office hours, co-hosting tutorial sessions once per week
- Technical University of Munich – Mathematics (M.Sc.)** 10/2021 – 01/2024
- TUM TopMath Ph.D. Program – part of the Elitenetzwerk Bayern and the TUM Graduate School
  - Advised by Prof. Gantert (TU Munich, Probability Theory), Prof. Kühn (TU Munich, Stochastic Dynamics), Prof. Friz (TU Berlin, Rough Analysis)
  - Primary interests: Stochastic Analysis, Stochastic Dynamics, SPDEs, Rough Paths & Regularity Structures
  - Average Grade: 1.0
- Ludwig Maximilians University Munich – Philosophy (B.A.)** since 10/2023
- Primary interests: Metaphysics, Existentialism, Ontology; Current Average Grade: 1.67
- Technical University of Munich – Mathematics (B.Sc.)** 10/2018 – 10/2021
- Focus on (Algebraic) Topology, Functional Analysis, Stochastic Analysis; Minor in Economics, focusing on Financial Markets
  - Completed 45+ ECTS more during B.Sc. than required for the degree, primarily in the form of graduate level courses and seminars
  - Average Grade: 1.6
- HTL Mödling (Austrian Engineering School) – Diploma in Construction Engineering** 09/2012 – 06/2017
- Graduated with highest honours: “Ausgezeichneter Erfolg” in finals (Reife- und Diplomprüfung/Matura)
  - Diploma thesis: “Problems in Structural Analysis and Material Science“, graded with 1.0

**PUBLICATIONS & PREPRINTS**

- Gideon Chiusole, Peter K. Friz. “Towards abstract Wiener model spaces.” *Probability Theory and Related Fields*, 2026. [[DOI](#)], [[arXiv](#)]
- Gideon Chiusole, Christian Kuehn. “Existence, scaling, and spectral gap for traveling fronts in the 2D renormalized Allen–Cahn equation.” *preprint*, 2025 [[arXiv](#)].

**HONORS, AWARDS & COMPETITIVE FUNDING**

- Doctoral Scholarship – Studienstiftung des deutschen Volkes**, funding and academic program since 02/2026
- Marianne-Plehn-Program – Studienstiftung des deutschen Volkes** State-funded 25% research position, part of Elitenetzwerk Bayern since 02/2026
- TopMath Study Award** for outstanding academic achievement during the TopMath pre-doc phase 01/2024
- TUM-GS Bridge Financing Grant** for outstanding TUM Master graduates (*declined*) 08/2023

**EMPLOYMENT & INTERNSHIPS**

- Technical University of Munich – Department of Mathematics** since 04/2021
- Teaching Assistant*
- 3x Stochastic Analysis, 2x Graduate Probability Theory, 1x Introduction to Probability and Statistics, 1x Markov Chains, 2x Nonlinear Dynamics, 1x Graduate Dynamical Systems
  - Prepared and held 90 minute tutorial session once or twice per week, corrected and graded homework of ~60 students per week, designed problem sheets and final exams, and answered students technical questions by email, during office hours, and during class
- Technical University of Munich – Department of Educational Sciences** 10/2022 – 02/2023
- Student Research Assistant*
- “Digital tools for didactics in probability theory” project week, in which Lehramt students use R and GeoGebra to create visualizations and animations of concepts from stochastics and statistics for use in the classroom with high school students
- Technical University of Munich – English Writing Centre (EWC)** 08/2021 – 10/2022
- English Writing Fellow and Teaching Assistant*
- ~8 appointments/week with M.Sc. and Ph.D. students of all TUM departments, going over their writing and improving the communication of their research - particular focus was put on clear and precise exposition by the principles of classical style
  - Creating handouts and resources for the EWC e.g. “Clear and Effective Mathematical Writing” + teaching assistant

**VOLUNTEERING & ACTIVITIES**

- Boxt Euch Durch München gUG** 09/2021 – 04/2024
- Tutoring and providing guidance to socially disadvantaged children and refugees (age 15–20) in three main aspects: Nutrition (cooking a warm and healthy lunch every day), Sport (kickboxing and yoga), and Education (tutoring in Mathematics, Physics, German)
- TUM Buddy Program** 10/2021 – 03/2025
- Introducing 1-3 incoming foreign or exchange students to Munich, the TUM Munich Forschungscampus, the student life, and university administration
- Student Speaker for TopMath Program** 10/2023 – 09/2025
- Representing the interests of the TopMath PhD students within the program, organizing the annual assembly, alumni and student talks, supervisory awards, and taking part in the TopMath board meeting
- Doctoral Representative within TUM School of CIT** 10/2024 – 09/2025
- Person of contact for the problems of mathematics PhD students within the school CIT and assisting the introduction of new students to the department

**INTERNATIONAL RESEARCH ENGAGEMENT**

- Conferences/Summer Schools** at Oxford (UK), London (UK), Cetraro (IT), São Paulo (BR), Delft (NL), Thessaloniki (GR), Leipzig (DE), Berlin (DE)
- Invited Seminar Talks** at Universität Konstanz, FU Berlin, TU Berlin, TUM, Dynamics Days Europe XLV, Berlin—Oxford Meetings

**EXTRACURRICULAR**

**Languages:** Native in German; Fluent in English (TOEFL: 119/120); A1 in French, **Software:** MS Office, LaTeX, MATLAB, Julia, Python, R