

GIDEON CHIUSOLE

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Munich, Germany

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 (TUM, 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 (TUM, Probability Theory), Prof. Kühn (TUM, Stochastic Dynamics), Prof. Friz (TUM, 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