

## EDUCATION

<b>Technical University of Munich – Mathematics (Ph.D.)</b>	since 11/2023
<ul style="list-style-type: none"> <li>TUM TopMath Ph.D. Program – part of the Elitenetzwerk Bayern and the TUM Graduate School</li> <li>Advised by Prof. Kühn (TU Munich, Stochastic Dynamics)</li> <li>Research interests: Dynamical Aspects of (singular) Stochastic PDEs, Rough Paths &amp; Regularity Structures, Equivariant and Geometric Methods</li> </ul>	
<b>Technical University of Berlin – Visiting Research Student</b>	04/2022 – 10/2022
<ul style="list-style-type: none"> <li>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 &amp; applications to large deviation principles, Fernique estimates, and Cameron—Martin theorems</li> <li>Attended courses, seminars, and research seminars at TU Berlin, HU Berlin, and FU Berlin: Malliavin Calculus, CFT, Gaussian Free Fields, SPDEs</li> <li>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</li> </ul>	
<b>Technical University of Munich – Mathematics (M.Sc.)</b>	10/2021 – 01/2024
<ul style="list-style-type: none"> <li>TUM TopMath Ph.D. Program – part of the Elitenetzwerk Bayern and the TUM Graduate School</li> <li>Advised by Prof. Gantert (TU Munich, Probability Theory), Prof. Kühn (TU Munich, Stochastic Dynamics), Prof. Friz (TU Berlin, Rough Analysis)</li> <li>Primary interests: Stochastic Analysis, Stochastic Dynamics, SPDEs, Rough Paths &amp; Regularity Structures</li> <li>Secondary interests: Geometry and Theoretical High Energy Physics</li> <li>Average Grade: 1.0</li> </ul>	
<b>Ludwig Maximilians University Munich – Philosophy (B.A.)</b>	since 10/2023
<ul style="list-style-type: none"> <li>Primary interests: Metaphysics, Existentialism, Ontology; Current Average Grade: 1.67</li> </ul>	
<b>Technical University of Munich – Mathematics (B.Sc.)</b>	10/2018 – 10/2021
<ul style="list-style-type: none"> <li>Focus on (Algebraic) Topology, Functional Analysis, Stochastic Analysis; Minor in Economics, focussing on Financial Markets</li> <li>Completed 45+ ECTS more during B.Sc. than required for the degree, primarily in the form of graduate level courses and seminars</li> <li>Average Grade: 1.6</li> </ul>	
<b>HTL Mödling (Austrian Engineering School) – Diploma in Construction Engineering</b>	09/2012 – 06/2017
<ul style="list-style-type: none"> <li>Graduated with highest honours: “Ausgezeichneter Erfolg” in finals (Reife- und Diplomprüfung/Matura)</li> <li>Diploma thesis: “Problems in Structural Analysis and Material Science“, graded with 1.0</li> </ul>	

## PUBLIKATIONEN

- “Towards Abstract Wiener Model Spaces”, G. Chiusole, P. K. Friz; accepted in *Probability Theory and Related Fields*, 2025

## EMPLOYMENT/INTERNSHIPS

<b>Technical University of Munich – Department of Mathematics</b>	since 04/2021
<i>Teaching Assistant</i> <ul style="list-style-type: none"> <li>3x Stochastic Analysis, 2x Graduate Probability Theory, 1x Introduction to Probability and Statistics, 1x Markov Chains, 2x Nonlinear Dynamics, 1x Graduate Dynamical Systems</li> <li>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</li> </ul>	
<b>Technical University of Munich – Department of Educational Sciences</b>	10/2022 – 02/2023
<i>Student Research Assistant</i> <ul style="list-style-type: none"> <li>“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</li> </ul>	
<b>Technical University of Munich – English Writing Centre (EWC)</b>	08/2021 – 10/2022
<i>English Writing Fellow and Teaching Assistant</i> <ul style="list-style-type: none"> <li>Ca. 8 appointments/week with M.Sc. and Ph.D. student 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</li> <li>Creating handouts and resources for the EWC e.g. “Clear and Effective Mathematical Writing” + teaching assistant</li> </ul>	

## VOLUNTEERING & ACTIVITIES

<b>Boxt Euch Durch München gUG</b>	09/2021 – 04/2024
<ul style="list-style-type: none"> <li>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, etc.)</li> </ul>	
<b>TUM Buddy Program</b>	10/2021 – 03/2025
<ul style="list-style-type: none"> <li>Introducing 1-3 incoming foreign or exchange students to Munich, the TUM Munich Forschungscampus, the student life, university administration, etc.</li> </ul>	
<b>Student Speaker for TopMath Program</b>	10/2023 – 09/2025
<ul style="list-style-type: none"> <li>Representing the interests of the TopMath PhD students within the program, organizing the annual assembly, alumni and student talks, supervisory awards, taking part in the TopMath board meeting, etc.</li> </ul>	
<b>Doctoral Representative within TUM School of CIT</b>	10/2024 – 09/2025
<ul style="list-style-type: none"> <li>Person of contact for the problems of mathematics PhD students within the school CIT, assisting the introduction of new students to the department, etc.</li> </ul>	

## CONFERENCES/SUMMER SCHOOLS/WORKSHOPS/SEMINARS (SELECTED)

<b>CIME Summer School on Statistical Mechanics and Stochastic PDEs</b> ( <i>Grant awarded</i> )	Cetraro, Italy; 09/2023
<b>Oxford Workshop on Interacting Particles, Fluctuating Systems, and SPDEs</b> ( <i>Grant awarded</i> )	Oxford, UK; 06/2022
<b>MPI Summer School on PDEs and Randomness</b> ( <i>Grant awarded</i> )	Leipzig, Germany; 05/2023
<b>Oxford-Berlin Mathematics of Random Systems Summer School</b>	Oxford, UK; 09/2022
<b>São Paulo School of Advanced Science on Singular SPDEs and Their Applications</b> ( <i>Grant awarded</i> )	Campinas, Brazil; 08/2022
<b>Rough Analysis and Data Science Workshop</b>	London, UK; 07/2022
<b>Research Seminar Talks</b> ( <i>selected</i> ):	
• TUM M14 – “Fractional Brownian Motion”, based on B.Sc. final project	26/10/2021
• FU Berlin – “Towards Abstract Wiener Model Spaces”, joint work with Peter Friz (TU Berlin)	10/11/2023
• University of Konstanz – “Stability of Pattern Formation for Singular SPDEs”, joint work with Christian Kühn (TU Munich)	22/10/2024

## EXTRACURRICULAR

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

## AWARDS & GRANTS

<b>TUM-GS Bridge Financing Grant</b> for outstanding TUM Master graduates ( <i>declined</i> )	08/2023
<b>TopMath Study Award</b> for outstanding academic achievement during the TopMath pre-doc phase	01/2024