
Areas of Interest

Algebraic Topology, Algebraic Geometry, Higher Category Theory

Education

- 2023– **University of Warwick, Centre for Doctoral Training in Mathematics, United Kingdom**,
PhD studies, supervised by Martin Gallauer and Marco Schlichting
- 2022–2023 **St John's College, University of Cambridge, United Kingdom**,
MASt in Pure Mathematics (Part III of the Mathematical Tripos) - Distinction,
Essay: *Topics in Complex Cobordism*, supervised by Oscar Randal-Williams
- 2019–2022 **Technische Universität Dresden, Germany**,
B.Sc. in Mathematics with a minor in Computer Science - 1.2 (excellent),
Bachelor thesis: *Galois and Monodromy Groups in Algebraic Geometry*, supervised by Mario Kummer
- 2010–2018 **Rosa-Luxemburg-Gymnasium, Berlin, Germany**,
A-levels: Grade 1.0 (887/900, best of the year)

Funding and Awards

- 2023– **University of Warwick, Centre for Doctoral Training in Mathematics**,
Full departmental funding for four years of PhD studies
- 2019–2023 **Fellowship with the German Academic Scholarship Foundation**
(Studienstiftung des deutschen Volkes)
- 2018 **A-levels award for the best written mathematics advanced course exam of the German Mathematical Society (DMV)**

Talks

- 02/24 **Reading Seminar on Stable Homotopy Groups of Spheres and Motivic Homotopy Theory**,
Cofibre of τ part I
- 11/23 **Warwick Mathematics Postgraduate Seminar**, From formal groups to elliptic cohomology

Seminars

- 01/24–03/24 **Reading Seminar on Stable Homotopy Groups of Spheres and Motivic Homotopy Theory**,
Warwick
- 09/23–12/23 **eCHT Reading Seminar on Algebraic Vector Bundles**, *online*
- 2022–2024 **Seminar of the German Academic Scholarship Foundation**, *How many real numbers exist?*
Axiomatic set theory and the continuum hypothesis, supervised by Ralf Schindler and Sandra Müller,
four one-week working periods, three interim meetings

Teaching

- Warwick Winter 2024 Supervisions for MA148 Vectors and Matrices and MA143 Calculus 2
Marking for MA260 Norms, Metrics and Topologies
- Dresden Fall 2020 Exercise Instructor Bridging Course Mathematics

Language Abilities

- German Mother tongue
English Fluent
Latin Latinum certificate