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#### Education

Leibniz University Hannover Ph.D., Mathematics Advisor: Stefan Schreieder	Mar. 2023 – today
Leibniz University Hannover Master of Science, Mathematics	Oct. 2020 – Nov. 2022
Thesis: "Rationality questions and decomposition of the diagonal' Advisors: Stefan Schreieder and Nebojsa Pavic	
Leibniz University Hannover Bachelor of Science, Mathematics	Oct. 2017 – Aug. 2020
Thesis: "Intersection theory and enumerative geometry" (German) Advisors: Stefan Schreieder	

# Preprints

- 3. On the rationality problem for hypersurfaces (with Stefan Schreieder), submitted. arxiv:2409.12834
- 2. On zero-cycles of varieties over Laurent fields, submitted. arxiv:2402.14406
- 1. The diagonal of (3,3) fivefolds (with Bjørn Skauli), to appear in Ann. Inst. Fourier (Grenoble). arxiv:2303.00562

#### Awards

• Doctoral scholarship by Studienstiftung des deutschen Volkes	2023-2026
Talks	
• "Non-Vanishing and hypersurfaces singular along an r-plane" Irrationality, unramified cohomology and hypersurfaces, JAVA, Maison Clémer	July 12, 2024 nt.
• "On zero-cycles of varieties over Laurent fields" Leibniz University Hannover, AG seminar, Hannover.	April 04, 2024
• "Zero-cycles and the étale cycle class map" Leibniz University Hannover, working seminar, Hannover.	November 02, 2023
• "Very general (3,3) fivefolds are irrational" (speed talk) Birational Complexity of Algebraic Varieties Workshop, Simons Center.	December 05, 2022

### Poster presentations

- Workshop on Algebraic Cycles, Hannover, October 1, 2024
- Géométrie Algébrique en Liberté XXXI, Turin, June 17, 2024
- Non-Archimedean Geometry, Birational Geometry and Resolution of Singularities, Heidelberg, March 05, 2024

## Teaching

# Leibniz Universität Hannover

Tutorials for Topology Tutorials for Mathematics for Engineers II Tutorials for Linear Algebra I Winter 2023 Summer 2023 Winter 2020

Hannover, September 28, 2024