Martha Mustermeier

martha.mustermeier@example.com · +41 79 123 45 67
Rämistrasse 101, 8092 Zürich, Switzerland

Education

ETH Zurich Zürich, Switzerland
M.Sc. in Mathematics Sep 2023 – Present
Master Thesis: "Intersection Theory on Moduli Spaces of Curves"
Advisor: Prof. Dr. Anna Bergmann

ETH Zurich Zürich, Switzerland
B.Sc. in Mathematics Sep 2019 – Jul 2023
Bachelor Thesis: "An Introduction to Elliptic Curves and their Applications" (Grade: 6.0/6.0)
Advisor: Prof. Dr. Felix Krämer

Academic Achievements

- ETH Excellence Scholarship for Master's Studies (2023)
- Dean's List for Outstanding Academic Achievement (Top 5% of class; 2021, 2022)
- Gold Medal, Swiss Mathematical Olympiad (2018)
- Honorable Mention, International Mathematical Olympiad (2018)

Research Interests

- Algebraic Geometry, particularly intersection theory and moduli spaces
- Elliptic Curves and Number Theory
- Algebraic Topology

Conferences and Workshops

- Participant, European Algebraic Geometry School, Leiden, Netherlands (2024)

Teaching Experience

- Teaching Assistant, "Linear Algebra II", ETH Zurich (Spring 2024)
- Teaching Assistant, "Analysis I", ETH Zurich (Fall 2023)
- Instructor, Preparation Camp for Swiss Mathematical Olympiad (2020, 2021)

Extracurricular Activities

- President, ETH Zurich Mathematics Student Association (2022 – 2023)
- Organizer, ETH Zurich Mathematical Symposium (2023)

Technical Skills

- Languages: German (native), English (fluent), French (conversational)

- Programming: Python, SageMath, LaTeX