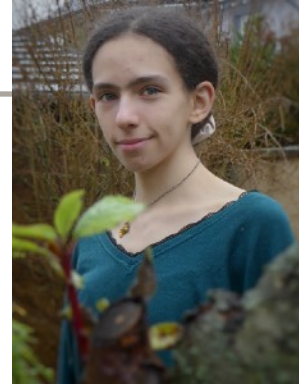

JULIE BANNWART



PERSONAL INFORMATION

Email address: julie.bannwart@epfl.ch

Telephone number: +33 6 51 52 85 39

Address: 28 square du cygne

57600 Oeting

France

Date of birth: 12th July 2004

Nationality: French

Pronouns: she/her

EDUCATION AND STUDIES

- September 2024 – February 2025: Semester at Johannes Gutenberg University (JGU) in Mainz, to write a master's thesis under the supervision of Prof. Bachmann.
- September 2023 – July 2024: Master's studies in Mathematics at the Ecole Polytechnique Fédérale de Lausanne (EPFL), in Switzerland:
 - Courses mainly in algebraic geometry, algebraic topology; some algebraic and combinatorial number theory; modular forms; Lie groups.
 - Semester project in motivic homotopy theory: basics of the A^1 -homotopy theory, Postnikov towers in a motivic context.
- September 2020 – July 2023: Bachelor's studies in Mathematics at EPFL:
 - Bachelor's thesis about model categories and Lawvere algebraic theories.
- Public school and high school in Forbach, France.

EXPERIENCE

- October 2024: Participant in the fall school "Methods in mixed characteristic geometry" in JGU Mainz.
- September 2024: Participant in the 11th Heidelberg Laureate Forum.
- Summer 2024: Participant in the European Talbot workshop "Operads in deformation theory and homotopical algebra".
- Summer 2023: Summer internship in the "Laboratory for Topology and Neurosciences" at EPFL, within the "Summer in the lab" program. Work in homotopy theory, operads (especially N -infinity), and model structures for categories associated with posets. Four days of workshops about teamwork and scientific communication. Work of the internship presented in a 3 min talk at the "Fête des maths" ("Celebration of Mathematics") at EPFL.
- 2022-2023: Student assistant at EPFL for three first-year linear algebra courses, a second-year group theory and category theory course, and a second year course about rings and fields.
- 2018-2019: Tutoring for two years at high school.
- 2017: One-week internship at the controlling department at DÜRR GmbH in Germany.

DIPLOMAS AND DISTINCTIONS

2024: Awarded a fellowship "Masterstipendium" from the SFB TRR 326 GAUS for 5 months
2023: Awarded an "EPFL Master Excellence fellowship" for three semesters
2023: Bachelor's degree in Mathematics – Best grade average for EPFL Bachelor's: 5.99/6
2021: Best grade average for EPFL first year: 5.98/6
2020: French "Baccalauréat S" ("scientifique") – "mention très bien" with 20.89/20
2019: Gold medal at the French national geosciences olympiads
2019: Regional first prize at the French national "Resistance and deportation" writing contest (about historical events during WWII)
2018: Cambridge B1 Preliminary for Schools
2017: German B1 certification
2016: First aid training (French "PSC1" diploma)

LANGUAGES

French: native language
English: advanced, seven years of classes at school and high school
German: intermediate, seven years of classes at school and high school
Spanish: beginner, three years of classes at school and high school

PREPRINT

Realization of saturated transfer systems on cyclic groups of order $p^n q^m$ by linear isometries N_∞ -operads, <https://arxiv.org/abs/2311.01608>, November 2023

HOBBIES

Fitness, home workouts
Cooking
Creative hobbies, especially kirigami, origami, embroidery
Hiking