

Anne Fayolle

CONTACT INFORMATION	Department of Mathematics University of Utah , LCB 317.	fayolle@math.utah.edu
RESEARCH INTERESTS	Algebraic geometry and commutative algebra.	
EDUCATION	University of Utah PhD in mathematics (2022 - Present) École Polytechnique Fédérale de Lausanne (EPFL) MSc. Mathematics, July 2022 McGill University BSc. First class honours in mathematics, minor in computer science, May 2020 Université de Montréal Certificate Philosophy, with mention of excellence, May 2020	
SCHOLARSHIPS AND GRANTS	2023 2023 2022 2019 2019 2017	NSERC PGS-D (held), NSERC CGS-D (offered), EDGES fellowship University of Utah, FRQNT supplement to the NSERC award, NSERC USRA, McGill University, Alma Mater entrance scholarship, McGill University
TEACHING	Winter 2023	MATH 1320 TA <i>Calculus II for engineers</i>
SERVICE	2023-2024 2023-2024 2021-2022 2020-2022 2019-2020	Student commutative algebra seminar organizer Graduate Student Advisory Committee EDI representative Polyquity committee member Polyquity is the association that promotes gender equality on the EPFL campus EPFL mentor Mentoring a group of first year students to help them navigate the EPFL and math life. Vice-President SUMM SUMM is the largest undergraduate math conference in Canada with over a hundred participants annually.
TALKS	<i>An introduction to compatible ideals</i> , Commutative Algebra Graduate Student Seminar at U Michigan, Spring 2023 <i>An introduction to compatible ideals</i> , BIKES, the Graduate Student Seminar at U Utah, Spring 2023 <i>Algorithms on lattices</i> , Undergraduate research seminar, McGill. (August 2019) <i>Representations of $SL_2(\mathbb{R})$</i> , Undergraduate reading seminar on automorphic forms, McGill. (July 2019)	