

CURRICULUM VITAE

Jiahui Huang

EDUCATION

- University of Waterloo, Canada** Sept 2023 - present
Pure Mathematics, Doctor of Philosophy
Supervisor: Matthew Satriano
- ETH Zurich, Switzerland** Sept 2021 - March 2023
Master of Mathematics
Supervisors: Arkadij Bojko, Rahul Pandharipande
- University of Waterloo, Canada** Sept 2017 - Jun 2021
Bachelor of Mathematics
Supervisors: Matthew Satriano, David McKinnon

PUBLICATIONS

Jiahui Huang, David McKinnon, and Matthew Satriano. What fraction of an S_n -orbit can lie on a hyperplane?. *Linear Algebra and Its Applications*, 613C (2021) pp. 1-23.

TALKS

- Arc-Floer conjecture for isolated homogeneous singularities, Ontario Graduate Mathematics Conference, June 2024
- Arc-Floer conjecture for homogeneous hypersurface singularities, Algebraic geometry working seminar, University of Waterloo, March 2024
- Equivariant invariants for Quot schemes, Algebraic geometry working seminar, University of Waterloo, November 2023
- Equivariant Segre and Verlinde invariants for Quot schemes, Algebraic geometry and moduli seminar, ETH Zurich. January 2023

PREPRINTS

- Arkadij Bojko, Jiahui Huang. Equivariant Segre and Verlinde invariants for Quot schemes. (2023) submitted.

PAST ACTIVITIES

- Ontario Graduate Mathematics Conference, University of Waterloo. June 2024
- CMS Summer Meeting, Canadian Mathematical Society, University of Saskatchewan. May 2024
- Equivariant methods in geometry, Isaac Newton Institute, Cambridge University. January 2024
- Algebraic Geometry summer school, Shanghai Center for Mathematical Sciences, Fudan University. July 2023
- Algebraic Geometry summer school, Shanghai Center for Mathematical Sciences, Fudan University. July 2021