

Ruoxi Li

Curriculum Vitae

Thackeray Hall, Pittsburgh, PA
✉ rul44@pitt.edu

Education

- 2019–2024 **Ph.D. in Mathematics**, University of Pittsburgh, Pittsburgh, United States.
(Expected)
- 2016–2018 **M.Sc. in Mathematics**, University of Illinois at Urbana-Champaign, Champaign, United States.
- 2012–2016 **B.Sc. in Mathematics and Applied Mathematics**, Nankai University, Tianjin, China.

Research Interests

- **Algebraic Geometry**
Fourier-Mukai transform and moduli stack on curves

Honors & Awards

- **Arts & Sciences Graduate Fellowship**
University of Pittsburgh, 2019-2020
- **Freshman's Second Prize Scholarship**
Nankai University, 2012

Presentations

- **Riemann-Roch for Riemann Surfaces and Number Fields**
MATH 2245 Algebraic Number Theory, April 30th, 2021
- **Moduli of Vector Bundles**
Online Seminar by students, July-November 2020
- **Algebraic groups**
MATH 3550 Lie groups and Lie algebras, Jan 22nd, 2020

Teaching Experiences

- 2021,2022 **TA**, Analytic Geometry & Calculus 1, University of Pittsburgh.
- 2021 **Grader**, Finite Mathematics, University of Pittsburgh.
- 2021 **TA**, Analytic Geometry & Calculus 2, University of Pittsburgh.
- 2021 **Grader**, Intro Theoretical Mathematics, University of Pittsburgh.
- 2021 **Grader**, Partial Differential Equations 1, University of Pittsburgh.
- 2020,2021 **TA**, Business Calculus, University of Pittsburgh.

Workshops and Conferences

- Derived Categories, Moduli Spaces, and Hyperkähler Varieties, University of Michigan, July 30-August 5, 2022 (will attend)
- GAeL (Géométrie Algébrique en Liberté) XXVIII, online, July 5-9, 2021
- Special Month on Singularities and K-Stability, online, May 17- June 11th, 2021
- Overview of Springer theory, online, June 8-12th, 2020
- Workshop on Lie Theory and Integrable Systems in Symplectic and Poisson Geometry, online, June 5-7th, 2020
- Warwick virtual M2 Workshop, online, June 1-5th, 2020
- Geometry and Dynamics of Foliations, online, May 25-28th, 2020