Ruoxi Li
Curriculum Vitae

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

Education

2019–2025 (Expected)	**Ph.D. in Mathematics**, University of Pittsburgh, Pittsburgh, United States.
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**
  Motivic classes of moduli stacks

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

2023-2024	**TA**, Intro Abstract Algebraic Systems, University of Pittsburgh.
2023	**TA**, Intro Theory 1-Variable Calculus, University of Pittsburgh.
2021-2024	**TA**, Analytic Geometry & Calculus 1, University of Pittsburgh.
2021-2022	**TA**, Analytic Geometry & Calculus 2, University of Pittsburgh.
2020-2021	**TA**, Business Calculus, University of Pittsburgh.
2022-2023	**Grader**, Applied Elementary Number Theory, University of Pittsburgh.
2022-2023	**Grader**, Combinatorial Mathematics, University of Pittsburgh.
2021	**Grader**, Finite Mathematics, University of Pittsburgh.

| 2021 | **Grader**, Intro Theoretical Mathematics, University of Pittsburgh. |
| 2021 | **Grader**, Partial Differential Equations 1, University of Pittsburgh. |

Workshops and Conferences

- 2023 WARTHOG workshop on the topic of "Categorified Coulomb branches", Eugene, USA, July 10-14th, 2023
- Categorical methods in moduli theory, Philadelphia, USA, April 7-9th, 2023
- Workshop on "Moduli, motives, and bundles - New trends in algebraic geometry", Oaxaca, Mexico (hybrid), September 19-23rd, 2022
- Derived Categories, Moduli Spaces, and Hyperkähler Varieties, University of Michigan, July 30-August 5th, 2022
- GAeL (Géométrie Algébrique en Liberté) XXVIII, online, July 5-9th, 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