

Zichuan Wang

Research Interests: number theory & representation theory

Email: wangzich@iu.edu

EDUCATION

Indiana University, Bloomington

2021 - Present

Ph.D. in Mathematics. Advisor: Matthias Strauch

Ohio State Univeristy

2017 - 2021

B.S. in Mathematics

PREPRINTS

- “Change of weights operations for triangulated (φ, Γ) -modules”. arXiv:2511.15962. (2025).
- (In preparation) “Trianguline representations and locally analytic principal series of $\mathrm{GL}_2(\mathbb{Q}_p)$ ”, with Matthias Strauch and Zijian Yao. (2025).

ACTIVITIES

- **Arizona Winter Semester 2021: Virtual School in Number Theory** University of Arizona
- **Arizona Winter Semester 2022: Automorphic Forms Beyond GL_2** University of Arizona
- **Midwest Arithmetic Geometry and Number Theory Conference Series 2023** University of Michigan
- **Monodromy and Its Applications**, 2023. Princeton University
- **Arizona Winter Semester 2025: Representation theory of p -adic groups** University of Arizona

SERVICES

- **Assistant to “build complex geometric structures” in IU Science Fest 2025** Indiana University