

Zichuan Wang

Research Interests: number theory & representation theory

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EDUCATION

Indiana University, Bloomington

Ph.D. in Mathematics. Advisor: Matthias Strauch

2021 - Present

Ohio State University

B.S. in Mathematics

2017 - 2021

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