

JINYI WANG

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RESEARCH INTERESTS

Topos theory, higher category theory, and the geometric Langlands program.

EDUCATION

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| 2024 – present | Ph.D. student in Mathematics, Tsinghua University, Beijing
Advisor: Prof. Lin Chen. Expected graduation: 2029. |
| 2020 – 2024 | B.S. in Mathematics, Tsinghua University, Beijing |

CONFERENCE AND WORKSHOP PARTICIPATION

- **Geometric Langlands Conjecture**, Simons Laufer Mathematical Sciences Institute (SLMath/MSRI), Berkeley, USA, 6–10 April 2026.
- **Interactions between Arithmetic Geometry and Global Analysis**, Universität Regensburg, Germany, 6–10 October 2025.
- **Toposes in Mondovì**, Mondovì, Italy, 9–11 September 2024.
- **International Congress of Basic Science (ICBS)**, Beijing, China — participant in 2023, 2024, 2025, and 2026.
- **International Congress of Mathematicians (ICM 2026)**, Philadelphia, USA, 23–30 July 2026.

SEMINAR TALKS

- *Sketches of an Elephant — An Introduction to Topos Theory*, 28 November 2024. [notes]
- *Principal Bundles and ∞ -Topos Theory*, 7 November 2024. [notes]
- *Quillen's 1969 Paper Explained*, 21 May 2025. [notes]
- *Nonabelian Cohomology*, 19 October 2025. [notes]

SEMINAR ORGANIZATION

- **Higher Algebra Done Right** (organizer), Tsinghua University, September–December 2026 (upcoming). A seminar covering Jacob Lurie's *Higher Algebra*, incorporating modern viewpoints.

PUBLICATIONS AND PREPRINTS

None at present.

LANGUAGES

- Chinese (Mandarin): native
- English: fluent
- French: reading proficiency

PERSONAL INFORMATION

- Date of birth: 27 March 2003
- Citizenship: People's Republic of China