

Education

2024 – 2026(expected)

- **Master of Mathematics, University of Zurich**

2020 – 2024

- **Bachelor of Mathematics, University of Science and Technology of China**
Thesis title: *Harmonic analysis and Fourier restriction problem*, supervised by Prof. Jingwei Guo

Research and Reading project

2025

- Master thesis project related to **Minimal but Non-unique ergodic IETs**, supervised by Prof. Corinna Ulcigrai
- Reading project on **Translation surfaces**, supervised by Prof. Corinna Ulcigrai
Report : *Siegel-Veech transform and counting problems* [[PDF](#)]

2023

- Reading project on **Ergodic theory and its application to combinatorial number theory**, supervised by Prof. Song Shao.
Report : *An ergodic proof of Roth's theorem on arithmetic progressions*

Teaching Experience

2024 Spring

- TA for **Linear Algebra B1**, lectured by Prof. Bailin Song

2023 Fall

- TA for **Analysis B1**, lectured by Prof. Yihuang Shen

Talks

2025 Dec

- Keane's conjecture on unique ergodicity of IETs, at **MAT766-Seminar on Teichmüller Dynamics of translation surfaces**, UZH, Switzerland

2025 Oct

- Kaimanovich's geometric interpretation of Multiplicative Ergodic Theorem [[Notes](#)], at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, UZH, Switzerland

2025 Sep

- Veech dichotomy and Counting saddle connections on translation surfaces, at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, UZH, Switzerland

2023 Nov

- An ergodic proof of Roth's theorem on arithmetic progressions, at **Reading group of topological dynamics and ergodic theory**, USTC, China

Conferences and Schools attended

Sep 2025

- **Higher Dimensional Hyperbolic Geometry**, Ventotene (LT), Italy

Jan 2025

- **Winter School Côte d'Azur**, Université Côte d'Azur, Nice, France

Sep 2024

- **Rigidity phenomena in dynamics and spectral theory**, Zurich, Switzerland

Aug 2024

- **Advance in Dynamics**, SUSTech, Shenzhen, China

Conferences and Schools attended (continued)

Jan 2024  **Winter School on Homogeneous Dynamics**, SCMS, Shanghai, China

Skills

Languages  Chinese (native), English (B2)

Coding  C, L^AT_EX

Miscellaneous Experience

Awards and Achievements

2020,2021  **University Prize for Outstanding Student Performance**, University of Science and Technology of China.