Jianshu Jiang

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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

2023 Nov   🔖 An ergodic proof of Roth's theorem on arithmetic progressions, at **Reading group of topological dynamics and ergodic theory**, USTC, China
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, Switerland
2025 Oct   🔖 Kaimanovich's geometric interpretation of Multiplicative Ergodic Theorem, at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, UZH, Switerland
2025 Dec   🔖 Keane's conjecture on unique ergodicity of IETs, at **MAT766-Seminar on Teichmüller Dynamics of translation surfaces**, UZH, Switerland

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, Switerland
Aug 2024   🔖 **Advance in Dynmamics**, SUSTech, Shenzhen, China
Jan 2024   🔖 **Winter School on Homogeneous Dynamics**, SCMS, Shanghai, China

Skills

Languages	■	Chinese (native), English (B2)
Coding	■	C, LaTeX

Miscellaneous Experience

Awards and Achievements

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