

Jianshu Jiang

✉ jianshu.jiang@uzh.ch

Education

- 2024 – 2026(expected) **Master of Mathematics, University of Zurich**
Thesis title: *Veech's Examples of Non-Ergodic IETs: from Renormalization and Geometric Perspectives*, supervised by Prof. Corinna Ulcigrai
- 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 on Veech's examples of NOT 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

- 2026 Apr **From limit theorems to mixing limit theorems**, at **Topics in zero entropy dynamics**-reading group of Prof. Ulcigrai's group, 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 2026 **Lille Dynamics and Geometry Conference**, Lille, France
- Mar 2026 **Dynamics and Spectral Gaps**, Montpellier, France
- Sep 2025 **Higher Dimensional Hyperbolic Geometry**, Ventotene (LT), Italy

Conferences and Schools attended (continued)

- 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
- 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.