Mengchu Li

Curriculum Vitae

Contact Information

Name	Mengchu Li
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Education

PhD Candidate in Pure Mathematics   **Shanghai, China**
School of Mathematical Sciences, Fudan University   *Sep. 2021 – Present*
Advisor: Prof. Meng Chen

Visiting PhD Student   **London, UK**
Department of Mathematics, Imperial College London   *Jan. 2024 – Dec. 2024*
Hosted by Prof. Paolo Cascini

B.S. in Mathematics and Applied Mathematics   **Shanghai, China**
School of Mathematical Sciences, Fudan University   *Sep. 2017 – Jun. 2021*

Publications

○ **MMP for generalized foliated threefolds of rank one**
Preprint: arXiv:2506.23708 (Submitted)

○ **Volume of algebraically integrable foliations and locally stable families**
joint work with Jingjun Han, Junpeng Jiao, Jihao Liu.
To appear in Trans. Amer. Math. Soc.
Preprint: arXiv:2406.16604

Teaching Experience

Abstract Algebra   **Fudan University**
Teaching Assistant. Lecturer: Meng Chen   *Fall 2021*

Conferences, workshops, and summer schools attended

Summer School on Birational Geometry of Foliations   **Beijing, China**
School of Mathematical Sciences, Peking University   *18 – 22 Aug. 2025*

Conference on Explicit Birational Geometry   **Beijing, China**
School of Mathematical Sciences, Peking University   *28 May – 1 Jun. 2025*

Conference on Algebraic Geometry and its Applications   **Nanjing, China**
School of Mathematics, Nanjing University   *29 Apr. – 3 May 2025*

Foliation and Birational Geometry	**Shanghai, China**
Shanghai Center for Mathematical Sciences	*26 – 30 Aug. 2024*
LMS Invited Lectures 2024	**London, UK**
London Mathematical Society, Imperial College London	*1 – 5 Jul. 2024*
Workshop on Algebraic Geometry	**Sanya, China**
Tsinghua Sanya International Mathematics Forum	*22 – 26 Dec. 2023*
Birational Geometry Workshop	**Beijing, China**
Yau Mathematical Sciences Center	*28 – 29 Jun. 2023*
2023 Workshop on Explicit Birational Geometry	**Shanghai, China**
Fudan University	*21 – 23 Apr. 2023*
3rd National Algebraic Geometry Conference	Online
Fudan University	*18 – 22 Jul. 2022*
2020 SCMS Algebraic Geometry Summer School	Online
Shanghai Center for Mathematical Sciences	*20 – 31 Jul. 2020*

▬▬ Awards & Grants

2023 China Scholarship Council Scholarship	**China**
China Scholarship Council	*Jul. 2023*
Fudan Elite PhD Program Scholarship	**Shanghai, China**
Fudan University	*2020 – 2025*

▬▬ Languages

Chinese	Native speaker
English	Proficient (C1 level. TOEFL score: 104, 2023)