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**
manuscripta math. **176**(78) (2025). DOI: 10.1007/s00229-025-01681-4
Preprint: arXiv:2506.23708

○ **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

2025 Workshop on Algebraic Geometry   **Shanghai, China**
School of Mathematical Sciences, Shanghai Jiao Tong University   *4 – 7 Dec. 2025*

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)