

Mengchu Li

Curriculum Vitae

Contact Information

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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

Conference on Algebraic Geometry **Sanya, China**
Tsinghua Sanya International Mathematical Forum *27 – 31 Dec. 2025*
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
School of Mathematical Sciences, Peking University

Conference on Algebraic Geometry and its Applications
School of Mathematics, Nanjing University

Foliation and Birational Geometry
Shanghai Center for Mathematical Sciences

LMS Invited Lectures 2024
London Mathematical Society, Imperial College London

Workshop on Algebraic Geometry
Tsinghua Sanya International Mathematics Forum

Birational Geometry Workshop
Yau Mathematical Sciences Center

2023 Workshop on Explicit Birational Geometry
Fudan University

3rd National Algebraic Geometry Conference
Fudan University

2020 SCMS Algebraic Geometry Summer School
Shanghai Center for Mathematical Sciences

Beijing, China
28 May – 1 Jun. 2025

Nanjing, China
29 Apr. – 3 May 2025

Shanghai, China
26 – 30 Aug. 2024

London, UK
1 – 5 Jul. 2024

Sanya, China
22 – 26 Dec. 2023

Beijing, China
28 – 29 Jun. 2023

Shanghai, China
21 – 23 Apr. 2023

Online
18 – 22 Jul. 2022

Online
20 – 31 Jul. 2020

Awards & Grants

National Scholarship for Doctoral Students
Ministry of Education of the People's Republic of China

China
Dec. 2025

2023 China Scholarship Council Scholarship
China Scholarship Council

China
Jul. 2023

Fudan Elite PhD Program Scholarship
Fudan University

Shanghai, China
2020 – 2025

Languages

Chinese Native speaker

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