

# Mengchu Li

## Curriculum Vitae

### Contact Information

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### Education

<b>PhD Candidate in Pure Mathematics</b> <i>School of Mathematical Sciences, Fudan University</i> Advisor: Prof. Meng Chen	<b>Shanghai, China</b> <i>Sep. 2021 – Present</i>
<b>Visiting PhD Student</b> <i>Department of Mathematics, Imperial College London</i> Hosted by Prof. Paolo Cascini	<b>London, UK</b> <i>Jan. 2024 – Dec. 2024</i>
<b>B.S. in Mathematics and Applied Mathematics</b> <i>School of Mathematical Sciences, Fudan University</i>	<b>Shanghai, China</b> <i>Sep. 2017 – Jun. 2021</i>

### 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

<b>Abstract Algebra</b> <i>Teaching Assistant. Lecturer: Meng Chen</i>	<b>Fudan University</b> <i>Fall 2021</i>
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### Conferences, workshops, and summer schools attended

<b>2025 Workshop on Algebraic Geometry</b> <i>School of Mathematical Sciences, Shanghai Jiao Tong University</i>	<b>Shanghai, China</b> <i>4 – 7 Dec. 2025</i>
<b>Summer School on Birational Geometry of Foliations</b> <i>School of Mathematical Sciences, Peking University</i>	<b>Beijing, China</b> <i>18 – 22 Aug. 2025</i>
<b>Conference on Explicit Birational Geometry</b> <i>School of Mathematical Sciences, Peking University</i>	<b>Beijing, China</b> <i>28 May – 1 Jun. 2025</i>

**Conference on Algebraic Geometry and its Applications**

*School of Mathematics, Nanjing University*

**Nanjing, China**

*29 Apr. – 3 May 2025*

**Foliation and Birational Geometry**

*Shanghai Center for Mathematical Sciences*

**Shanghai, China**

*26 – 30 Aug. 2024*

**LMS Invited Lectures 2024**

*London Mathematical Society, Imperial College London*

**London, UK**

*1 – 5 Jul. 2024*

**Workshop on Algebraic Geometry**

*Tsinghua Sanya International Mathematics Forum*

**Sanya, China**

*22 – 26 Dec. 2023*

**Birational Geometry Workshop**

*Yau Mathematical Sciences Center*

**Beijing, China**

*28 – 29 Jun. 2023*

**2023 Workshop on Explicit Birational Geometry**

*Fudan University*

**Shanghai, China**

*21 – 23 Apr. 2023*

**3rd National Algebraic Geometry Conference**

*Fudan University*

**Online**

*18 – 22 Jul. 2022*

**2020 SCMS Algebraic Geometry Summer School**

*Shanghai Center for Mathematical Sciences*

**Online**

*20 – 31 Jul. 2020*

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**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*

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**Languages**

**Chinese** Native speaker

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