Xiaowei Jiang

I am currently a Ph.D. student in pure mathematics at Tsinghua University, under the supervision of Professor Caucher Birkar.

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Education

Xidian University, **Xi'an, China**   **Sep 2013–Jun 2017**
Undergraduate Student in Electronic Science and Technology

Peking University, **Beijing, China**   **Sep 2017–Jun 2020**
Master's Student in Electronic Science and Technology

Tsinghua University, **Beijing, China**   **Sep 2020–**
Ph.D. Student in Pure Mathematics
Supervisor: Caucher Birkar

Research fileds

- Birational Geometry
- Minimal Model Program
- Boundedness and Moduli of Algebraic Varieties

Papers

3. C. Hacon, **X. Jiang**, *Failure of Boundedness for Generalised Log Canonical Surfaces*, arXiv:2504.06482.

2. **X. Jiang**, J. Jiao and M. Zhu, *Boundedness of polarized log Calabi-Yau fibrations with bounded bases*, arXiv:2504.05243.

1. **X. Jiang**, *Boundedness of klt good minimal models*, arXiv:2312.03313.

Other writings

1. **X. Jiang**, V. Lazić and N. Tsakanikas, Appendix to *Special MMP for log canonical generalised pairs*, arXiv:2108.00993.

Organized Seminars

2021-2023 Tsinghua Birational Geometry Learning Seminar.

2023-2024 Birational Geometry Students' Seminar.

Talks

Aug 2025 Boundedness of polarized log Calabi-Yau fibrations with bounded bases, Tsinghua University, Beijing Algebraic Geometry Day.

June 2025 Boundedness and moduli of klt good minimal models, Chongqing University.

May 2025   Boundedness of polarized log Calabi-Yau fibrations with bounded bases, Tsinghua University, Algebraic Geometry Workshop.

May 2025   Boundedness of klt good minimal models (I,II), Xiamen University.

Nov 2024   Boundedness of Fano Type Fibrations, East China Normal University, AG Seminar.

Jan 2024   Boundedness and moduli of traditional stable minimal models, Peking University, AG Preprint Seminar.

Teaching

Spring 2022   Algebraic geometry, Teaching Assistant.

Visting

Jun 2025   visiting Yu Zou, Chongqing University, Chongqing, China.

May 2025   visiting Chuyu Zhou, Xiamen University, Xiamen, China.

Spring 2025   visiting Christopher Hacon, the University of Utah, Salt Lake City, USA.

Nov 2024   visiting Lu Qi, East China Normal University, Shanghai, China.

Aug 2024   visiting Santai Qu, Institute of Geometry and Physics, USTC, Shanghai, China.

Travel

Oct 2025   Workshop on Boundedness and Moduli Problems in Birational Geometry and Foliation Theory, Centro di Ricerca Matematica Ennio De Giorgi, Pisa, Italy.

Aug 2025   Summer School on Birational Geometry of Foliations, Peking University, Beijing, China.

Jul 2025   2025 Summer Research Institute in Algebraic Geometry, Colorado State University, Fort Collins, CO, USA.

Jul 2025   2025 SCMS Algebraic Geometry Summer School, Fudan, Shanghai, China.

Jun 2025   Workshop on Fano Varieties, Peking University, Beijing, China.

Jun 2025   Southeastern Algebraic Geometry Symposium VIII, SUSTech, Shenzhen, China.

May 2025   Conference on Explicit Birational Geometry, Peking University, Beijing, China.

Dec 2024   Workshop on algebraic geometry, TSIMF, Sanya, China.

Oct 2024   Birational Algebraic Geometry Workshop, CQUT, Chongqing, China.

Sep 2024   Workshop on Birational Geometry, Fudan University, Shanghai, China.

Aug 2024   Foliation and Birational Geometry, Fudan University, Shanghai, China.

Aug 2024   Workshop on Hodge theory 2024, University of Science and Technology of China, Hefei, China.

Jul 2024   International Summer School of Algebraic Geometry, Fudan University, Shanghai, China.

Jul 2024   The 4th National Algebraic Geometry Conference, Shandong University, Weihai, China.

Apr 2024   Complex Algebraic Geometry and Related Topics, Academy of Mathematics and Systems Science, Beijing, China.

Apr 2024   Spring Workshop on Algebraic Geometry, Wuhan University, Wuhan, China.

Dec 2023   Workshop on algebraic geometry, TSIMF, Sanya, China.

Dec 2023   Young Perspectives on Algebraic Geometry, Academy of Mathematics and Systems Science, Beijing, China.

Jun 2023   Birational Algebraic Geometry Workshop, CQUT, Chongqing, China.

May 2023	Conference on Algebraic Geometry and Related Topics, Nanjing University, Nanjing, China.
Apr 2023	2023 Workshop on Explicit Birational Geometry, Fudan University, Shanghai, China.
Apr 2023	Southeastern Algebraic Geometry Symposium (IV), SUSTech, Shenzhen, China.
Oct 2022	Birational Geometry Workshop, BIMSA, Beijing, China.
Jul 2021	Summer School on Birational Geometry of Algebraic Varieties, Xiamen University, Xiamen, China.
Nov 2020	Workshop on Geometric Structures and Topological Invariants, Sichuan University, Chengdu, China.

Languages

Chinese:	Native
English:	Advanced