

# Wang Yanze

Ph.D Candidate in Mathematics  
Expected Graduation: June 2027  
No. 55 Zhongguancun East Road,  
Beijing 100190, China

[wangyanze@amss.ac.cn](mailto:wangyanze@amss.ac.cn)



## Research Interests

Birational Geometry, Minimal Model Program; Moduli Spaces, Mori Dream Spaces

## Education

**ACADEMY OF MATHEMATICS AND SYSTEMS SCIENCE, CHINESE ACADEMY OF SCIENCES** *Beijing, China*

*Advisor:* Prof. Yifei Chen

**ACADEMY OF MATHEMATICS AND SYSTEMS SCIENCE, CHINESE ACADEMY OF SCIENCES** *Beijing, China*

M.S. in Mathematics, May 2024

*Thesis:* Sarkisov program for foliated pairs

*Advisor:* Prof. Yifei Chen

**BEIHANG UNIVERSITY** *Beijing, China*

B.S. in Mathematics, June 2020

*Thesis:* Moduli space of Curves

## Awards and Honors

|         |                                                  |
|---------|--------------------------------------------------|
| MCM/ICM | Meritorious Winner (twice)                       |
| BUAA    | Hua Luogeng award (three times)                  |
| CAS     | Merit Student of the Chinese Academy of Sciences |

## Publications

- [1] Yifei Chen and Yanze Wang.  
**A Note on the Sarkisov Program.**  
*Higher Dimensional Algebraic Geometry: A Volume in Honor of V. V. Shokurov, London Mathematical Society Lecture Note Series, pages 231–263. Cambridge University Press. 2025*
- [2] Yifei Chen, Jihao Liu, and Yanze Wang.  
**Flop between algebraically integrable foliations on potentially KLT varieties.**  
*International Journal of Mathematics, 36(11):2550035. 2025*
- [3] Yifei Chen, Jihao Liu, and Yanze Wang.  
**Sarkisov Program for Algebraically Integrable and Three-fold Foliations.**  
*International Mathematics Research Notices, 2026(6):rnag045.*

## Preprints

- [1] Jihao Liu and Yanze Wang.  
**A klt generalized pair with finitely generated canonical ring.**  
*arxiv:2608.02358. 2026*
- [2] Jihao Liu, and Yanze Wang.  
**Twelve common flex lines in a general pencil of cubics.**  
*arxiv:2607.26396. 2026*
- [3] Jihao Liu and Yanze Wang.  
**A counterexample to the odd-dimensional rank bound for abelian p-group actions.**  
*arxiv:2607.048901. 2026*

## Invited Talks

2026

Speaker, **Sarkisov Program for Algebraically Integrable and Threefold Foliations**  
*@Xi'an Jiaotong-Liverpool University*