

SHI XU (徐识)

CONTACT

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RESEARCH INTERESTS

My main research interest is algebraic geometry, specifically focusing on algebraic surfaces and foliations on them.

EDUCATION

East China Normal University (ECNU), Shanghai, China *Sep. 2019 – Jun. 2024*
Ph.D. in Pure Mathematics, supervised by Professor Shengli Tan.

Zhejiang University, Hangzhou, China *Sep. 2015 – Mar. 2018*
B.S. in Pure Mathematics

Ningbo University, Ningbo, China *Sep. 2011 – Jun. 2015*
M.S. in Mathematics

EMPLOYMENT

YMSC, Tsinghua University, Beijing, China *Mar. 2025 – Present*
Postdoctoral Researcher supervised by Professor Mao Sheng

University of Science and Technology of China (USTC), Hefei, China *Oct. 2024 – Jan. 2025*
Visiting Scholar visiting Professor Mao Sheng

PUBLICATIONS AND PREPRINTS

- [1] **Shi Xu**, *On the singular locus of foliations over \mathbb{P}^2* , Bull. Korean Math. Soc. 61 (2024), no. 4, 1067–1086.
- [2] Jun Lu, Xin Lu, Shengli Tan, **Shi Xu**, *Transcendental foliations whose slope is less than 2*, preprint.
- [3] Jun Lu, Xiaohang Wu and **Shi Xu**, *On adjoint divisors for foliated surfaces*, arXiv:2501.00470v4, 2025.