

SHIJIE SHANG

CONTACT INFORMATION	Yau Mathematical Sciences Center Tsinghua University Haidian District, Beijing 100084, China	
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EMPLOYMENT	Yau Mathematical Sciences Center, Tsinghua University Postdoctoral Associate, October 2022 - October 2024. Mentor : Jian Xiao	
EDUCATION	University of Illinois at Chicago Ph.D. in Mathematics, August 2022 . Advisor : Lawrence Ein Peking University M.S. in Mathematics, July 2018 Nanjing University B.S. in Mathematics, July 2015	
PUBLICATIONS AND PREPRINTS	4. J. Hu, S. Shang, J. Xiao, <i>Hard Lefschetz theorems for free line bundles</i> , preprint. 3. S. Shang, <i>Severi varieties, smooth quadrics and spinor bundles</i> , preprint. 2. S. Shang, <i>A remark on the Castelnuovo-Mumford regularity of powers of ideal sheaves</i> , Journal of Pure and Applied Algebra 226 (2022) 107143. 1. S. Shang, <i>Stability of special generalized null correlation bundles on \mathbb{P}^5</i> , preprint.	
INVITED TALKS	Conference on Algebraic Geometry, Sun Yat-Sen University (Zhuhai) Workshop on Complex Geometry, Chongqing University of Technology Mini-workshop on Geometry, Chinese Academy of Sciences Algebra Seminar, University of Arkansas	December 2023 September 2023 November 2022 November 2021
TEACHING EXPERIENCE	Univerisity of Illinois at Chicago (Teaching Assistant) Calculus III (MATH 210) Calculus I (MATH 180) Linear Algebra for Business (MATH 125) Calculus II (MATH 181) Intermediate Algebra (MATH 090)	Fall 2021 Spring 2020 Fall 2019 Spring 2019, Summer 2019, Spring 2021 Fall 2018
	Peking University (Teaching Assistant) Functional Analysis II Calculus I	Spring 2018 Fall 2017
SERVICE	Tutor for several undergraduate students Co-organizer of Reading Seminar on Local Positivity Co-organizer of UIC Graduate Algebraic Geometry Seminar Co-organizer of UIC Graduate Student Colloquium	Spring 2023–Spring 2024 Fall 2022 Fall 2020–Spring 2021 Spring 2020
SKILLS	Python, pandas, L ^A T _E X	
LANGUAGES	Chinese, English	