

Fei Si

Shanghai Center for Mathematical Sciences
Jiangwan Campus, Fudan University
No.2005 Songhu Road,

Email: fsi15@fudan.edu.cn
Homepage: <https://changfeng1992.github.io/SiFei/>

Personal

Now I am a sixth year PhD student at Shanghai Center for Mathematical Sciences under supervision of Prof. Meng Chen and Prof. Zhiyuan Li. My research interest is Moduli space in Algebraic geometry and related topics. Currently I am studying the Chow ring of moduli space of $K3$ surface and cohomology of moduli space of Cubic Fourfolds, also considering some explicit Variation GIT compactification of moduli space of $K3$ surfaces of low genus and its birational geometry.

Research interest

1. Topology and geometry of moduli spaces in Algebraic geometry.
2. stability in Moduli theory.
3. Cycle theory on moduli spaces.

Education

B.S. College of Mathematica and Statistics, ChongQing University, 2011–2015.

Ph.D. Mathematics, Shanghai Center for Mathematical Sciences, Fudan University, 2015–Now.

Teaching Experience

TA, Analytic geometry, 2017 Fall.

TA, Abstract Algebra (Honored course), 2018 Spring.

Conference

Algebraic Geometry Conference In honor of Arnaud Beauville's 70th birthday October 23 - 27, 2017
MCM, CAS, Beijing

Winter school on Hodge Modules and Higgs Bundle, SYSU Zhuhai, January 1 to 7, 2018

Tianyuan Advanced Seminar on the Moduli Spaces in Algebraic Geometry April 2 - 7, 2018 Shanghai
Center for Mathematical Sciences

AMS-CMS Joint International Meeting, Special Session on Algebraic Geometry June 11 - 14, 2018 Fudan
University, Shanghai

Modern Algebraic Geometry July 23 - 26, 2018 BICMR, PKU, Beijing

Fall Program on Moduli Spaces and Varieties September 10 - November 23, 2018 SCMS, Fudan University, Shanghai

Introductory Workshop: Derived Algebraic Geometry and Birational Geometry and Moduli Spaces January 28, 2019 - February 08, 2019 MSRI, California

Papers

1. Compactifications of moduli space of $K3$ surfaces of degree 6, with Francois Greer, Radu Laza, Zhiyuan Li, Zhiyu Tian. in preparation.
2. The cohomology of moduli space of cubic Fourfolds I

Last updated: November 14, 2020