

Birational geometry reading seminar

Spring 2022

Every Monday, 19:00-21:00
Jingzhai 304

I Varieties fibred over abelian varieties and Iitaka conjecture

1. Good minimal models of klt pairs over abelian varieties
Reference: C. Birkar and J. A. Chen, Varieties fibred over abelian varieties with fibres of log general type
Speaker: Bingyi Chen
Date: 2022-4-4
2. Good minimal models of lc pairs over abelian varieties
Reference: Z. Hu, Log canonical pairs over varieties with maximal Albanese dimension
Speaker: Bingyi Chen
Date: 2022-4-11
3. Introduction to Iitaka conjecture
Reference: O. Fujino, Iitaka Conjecture an Introduction, Chapter 1-3
Speaker: Xiaowei Jiang
4. Iitaka conjecture for varieties fibred over abelian varieties
Reference: C. Hacon, M. Popa and C. Schnell, Algebraic fibers spaces over abelian variety around a recent theorem by Cao and Paun.
Speaker: Xiaowei Jiang
5. Iitaka conjecture for varieties fibred over varieties of general type
Reference: O. Fujino, Iitaka Conjecture an Introduction, Chapter 4.1-4.2
Speaker: Qiwei Zhu
6. Iitaka conjecture for fibre space whose generic Fiber is of general type
Reference: O. Fujino, Iitaka Conjecture an Introduction, Chapter 4.3

Speaker: Qiwei Zhu

7. Iitaka conjecture for fibre space whose generic fiber has good minimal model
Reference: Y. Kawamata, Minimal models and the Kodaira dimension of algebraic fiber spaces
8. The Iitaka conjecture in dimension six
Reference: C. Birkar, The Iitaka conjecture $C_{n,m}$ in dimension six