ON EFFECTIVE LOG IITAKA FIBRATIONS

Speaker: Guodu Chen

Westlake University

Time: Thu, Dec. 15, 16:00-17:00

Venue: Room 102, SCMS; Tencent Meeting ID: 355 742 870 Password: 221215

Abstract:

We study the relationship between Iitaka fibrations and the conjecture on the boundedness of complements, assuming the good minimal model conjecture. The main result is that the conjecture on the boundedness of complements implies the effective log Iitaka fibration conjecture assuming the good minimal model conjecture. As a consequence, the effective log Iitaka fibration conjecture holds in dimension 3. This is an ongoing joint work with Jingjun Han and Jihao Liu.