

BEYOND THE MOVABLE CONE

Speaker: Long Wang
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Time: Fri, Feb 21st, 14:00-14:30

Venue: Room 102, SCMS

Abstract:

Morrison proposed a version of the cone conjecture for the nef cones of Calabi-Yau manifolds which was inspired by mirror symmetry. Later in his paper "Beyond the Kähler cone", he proposed a movable cone conjecture. The two cone conjectures were generalized by Kawamata and by Totaro from the viewpoint of birational geometry. In the last section of the same paper, Morrison suggested to go "beyond the movable cone". In this talk, I will explain such an attempt based on the joint work with Cécile Gachet, Hsueh-Yung Lin and Isabel Stenger.