

Algebraic Geometry Seminar

Correspondences between convex geometry and complex geometry

Jian Xiao (Northwestern University)

Abstract: We present several (new) correspondences between convex bodies and the theory of holomorphic line bundles on smooth projective varieties or Kähler manifolds, thus extending the dictionary between convex geometry and complex geometry. An important ingredient is a refined structure of the movable cone of curves. This is joint work with Brian Lehmann.

Wednesday, October 26 at 4:00 PM in SEO 427