

Algebraic Geometry Seminar

A decomposition theorem for projective manifolds with nef anticanonical bundles

Junyan CAO (Jussieu University, Paris)

Abstract: Let X be a simply connected projective manifold with nef anticanonical bundle. We prove that X is a product of a rationally connected manifold and a manifold with trivial canonical bundle. As an application we describe the MRC fibration of any projective manifold with nef anticanonical bundle. It is a joint work with Andreas H\"oring

Wednesday, April 18 at 4:00 PM in SEO 427