Seminar/Talk

Effective global generation on manifolds with numerically trivial canonical bundle

Alex Kuronya
Goethe-Universität Frankfurt

Host: Tamas Hausel

If L is a line bundle on a projective manifold, then the existence of effective bounds for its tensor powers to have global sections or become globally generated have been a central problem in algebaic geometry for the last 150 fifty years. While the case of curves follows from Riemann-Roch, satsifactory answers for surfaces only arrived about thirty years ago. Research in the area has been mostly motivated by Fujita's conjectures predicting the global generation and very ampleness of certain adjoint line bundles. In this talk we will consider the case of effective global generation for projective manifolds with numerically trivial canonical bundle. This is an account of joint work with Yusuf Mustopa.

Thursday, April 25, 2019 01:30pm - 03:30pm
Big Seminar room Ground floor / Office Bldg West (I21.EG.101)

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