Centres of NCCRs are KLT

Colin Ingalls University of New Brunswick

Stafford and Van den Bergh have shown that centres of Noncommutative crepant resolutions have at most rational singularities. We use their techniques to extend their result, showing that they have at worst log terminal singularities. We also show that a homologically homogeneous algebra has a centre and ramiifcation divisor which is Kawamata log terminal. This is joint work with Takehiko Yasuda.