

## On derived McKay correspondence between non-commutative deformations

*Tuesday, 19 December 2023 15:30 (50 minutes)*

We consider an example of derived McKay correspondence between non-commutative deformations in the case of surface singularities of type  $A_n$ .

We construct a versal NC deformation of the commutative crepant resolution and compare it with the versal NC deformation of the non-commutative crepant resolution. We show the derived McKay correspondence in the case  $n=1$ .

**Presenter:** KAWAMATA, Yujiro (Tokyo)