Contribution ID: **8**   Type: **not specified**

An example of crepant resolution in characteristic 2 and its duality

Monday 18 December 2023 17:10 (30 minutes)

In positive characteristic, few examples of crepant resolutions of modular quotient singularities are known. In this talk, I will introduce a crepant resolution of the quotient singularity given by the permutation action of the alternating group of degree 4 in characteristic 2. In addition, I will present some special properties of this resolution by considering its algebraic and geometric structure.

Presenter: FAN, Linghu (Tokyo)