

GRADUATE NUMBER THEORY SEMINAR SPRING 2018

Torsors and Singularities

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Tuesday, April 10, 2018, 1:00 p.m.
Room South Hall 6635

Abstract: Starting from a smooth, elliptically fibered Calabi-Yau 3-fold $X \rightarrow S$ with generic fiber E , we wish to classify all smooth, genus one fibered Calabi-Yau 3-folds $Y \rightarrow S$ whose generic fiber has a Jacobian isomorphic to E .

In my talk, I will explain what the words in the previous sentence mean, explain some of the motivation and talk about some of the methods I'm using to work on the problem.