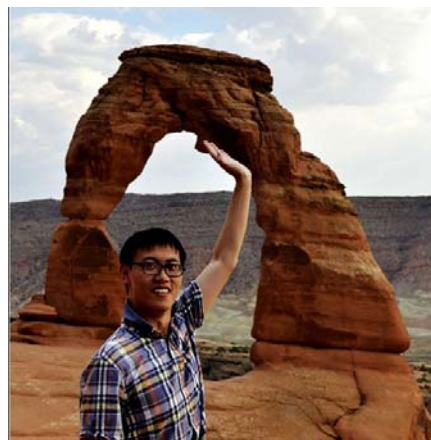


ALGEBRAIC GEOMETRY AND COMMUTATIVE ALGEBRA SEMINAR

Speaker: Shizhang Li
Columbia University



Date: Wednesday, March 20, 2019

Time: 3:00 PM

Location: 258 Hurley Hall

Lecture Title:

An example of liftings with different Hodge numbers

Abstract

Does a smooth proper variety in positive characteristic know the Hodge number of its liftings? The answer is "of course not". However, it's not that easy to come up with a counter-example. In this talk, I will first introduce the background of this problem. Then I shall discuss some obvious constraints of constructing a counter-example. Lastly I will present such a counter-example and state a further question.