



## ***FUDAN-SCMS ALGEBRAIC GEOMETRY SEMINAR ZOOM MEETING SEMINAR***

### ***LECTURE 1: RATIONALITY IN FAMILIES***

**Speaker: Brendan Hassett (Brown University)**

**New Time: Wed, June 11, BJS 20:00-21:00, EST 08:00-09:00,  
GMT 12:00-13:00**

**Zoom Meeting Id: 969 996 09294**

**Password: 360430**

### ***LECTURE 1***

**Abstract:** Consider a family of smooth complex projective varieties over a connected base. Which members are rational? Stably rational? We focus on recent general results and also outstanding questions that remain. These are illustrated in several key examples, including hypersurfaces of low degree. (joint with Kresch, Pirutka, and Tschinkel)