



# SCMS Seminar

## The Moduli Spaces of KSBA Stable Varieties and Pairs I

**Speaker: Wenfei Liu**  
**Xiamen University**

**Time: Wed., Apr. 1st, 15:00-17:00**

**Venue: Room 102, SCMS**

**Abstract:** In this first lecture, I will introduce the moduli theory of stable varieties and pairs, based on János Kollár's book "Families of varieties of general type". Apart from introducing the general framework, I will illustrate by examples some subtle issues surrounding the definition of families of stable varieties and pairs, such as the base change property of relative pluricanonical sheaves, embedded points in the degeneration of stable pairs with small coefficients.