


# FANO INDICES OF CANONICAL FANO THREEFOLDS

**Speaker: Haidong Liu**

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**Time:Fri., Nov. 27th, 9:30-11:00**

**Venue:Room 102, SCMS**

**Abstract:** In the minimal model program, canonical Fano varieties are among the fudamental building blocks of algebraic varieties. Some numerical invariants, such as the Picard numbers, the degree and the Fano index, play important roles in the classification of Fano threefolds. In this talk, I will show that the optimal upper bound of Fano indices of canonical Fano threefolds is 66. This is a joint work with Chen Jiang.