

## ***A SNAPSHOT OF SERRANO'S CONJECTURE***

**Speaker: Haidong Liu**  
**Sun Yat-sen University**

**Time: Wed, Dec. 1, 16:00-17:00**

**Venue: Tencent Meeting 790 778 401, password: 428474**

**Abstract:** Strictly nef divisors sit between nef divisors and ample divisors. A natural question is how far are strictly nef divisors from being ample. In this area, Serrano's conjecture predicts that after twisting by the canonical divisor a little bit, the adjoint strictly nef divisor should be ample. In this talk, I will survey some recent progress on this conjecture. (Part of my works is jointed with Roberto Svaldi, part is jointed with Shin-ichi Matsumura.)