

***ON EXTENSION OF PLURICANONICAL FORMS DEFINED  
ON THE CENTRAL FIBER OF A KÄHLER FAMILY***

**Speaker: Junyan Cao**  
**Université Côte d'Azur**

**Time: Wed, Dec. 15, 16:00-17:00**

**Venue: Tencent Meeting 256 496 451, password: 54321**

**Abstract:** In this talk, we will discuss several results related to Y.-T. Siu's conjecture of deformational invariance of plurigenera for Kähler families. The main tools is the  $L^2$  Hodge decomposition for singular metrics. This is a joint work with Mihai Paun.