

***HYPERBOLICITY AND FUNDAMENTAL GROUPS OF COMPLEX  
QUASI-PROJECTIVE VARIETIES***

**Speaker: Ya Deng**  
**University of Lorraine**

**Time: Fri, Nov. 4, 14:30-15:30**

**Venue: Tencent Meeting ID: 900651060 Password: 247436**

**Abstract:**

Non-abelian Hodge theories in both Archimedean and non-Archimedean settings are robust tools in studying fundamental groups of algebraic varieties. In this talk I will explain the recent progress on these subjects. I will then give a sharp condition for the hyperbolicity of quasi-projective varieties whose fundamental groups admitting linear representations.