

The geometry of holomorphic and algebraic curves in  
complex algebraic varieties  
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## Projective varieties with nef anticanonical divisors

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### **Abstract**

Projective varieties with nef anticanonical divisors appear naturally in the minimal model program. In this talk we present a survey of the work of Campana, Demailly, Lu, Paun, Peternell, Schneider, Zhang and others. We shall also discuss some recent development related to the subject as well as some open problems.