

***BIGNESS OF TANGENT BUNDLES OF FANO MANIFOLDS
WITH ZERO DIMENSIONAL VMRT***

Speaker: Jie Liu
Chinese Academy of Sciences

Time: Wed, Oct. 20, 16:00-17:00

Venue: Tencent Meeting 200 981 650, password: 505955

Abstract: It is expected that the bigness of tangent bundle is a quite restrictive property for Fano manifolds, especially for those of Picard number one. In this talk, I will present our recent first attempt to tackle this problem. More precise, we will consider Fano manifolds of Picard number one and having zero-dimensional VMRT, and it turns out that in this case only the quintic del Pezzo threefold has big tangent bundle. This is based on my recent joint work with Andreas H\"oring.