



Leibniz  
Universität  
Hannover

# Oberseminar Institut für Algebraische Geometrie

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## Higher Fano manifolds.

Fano manifolds are complex projective manifolds having positive first Chern class. The positivity condition on the first Chern class has far-reaching geometric and arithmetic implications. In recent years, there has been great effort toward defining suitable higher analogues of the Fano condition. Higher Fano manifolds are expected to enjoy stronger versions of several of the nice properties of Fano manifolds. In this talk, I will discuss a possible notion of higher Fano manifolds in terms of the positivity of higher Chern characters and discuss special geometric features of these manifolds.

**Donnerstag, 30.06.2022**

**16:30 - 17:30, online**

**Leibniz Universität Hannover**

**Alle Interessierten sind herzlich eingeladen.**