



Leibniz  
Universität  
Hannover

# Oberseminar Institut für Algebraische Geometrie

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## **Singular rational curves on (elliptic) K3 surfaces.**

Recently it has been shown that any complex projective K3 surface contains infinitely many rational curves, but not much on the geometry of these curves is known. In this talk the question is concerned if we can arrange these curves to have many singularities, i.e. the self-intersection of these curves tends to infinity. In the case of elliptic K3 surfaces we give a positive answer as well as some further consequences

**Donnerstag, 19.01.2023,  
16:30-17:30, Raum B302**

**Leibniz Universität Hannover**

**Alle Interessierten sind herzlich eingeladen.**