



Mathematisches Kolloquium

Am Freitag, dem 22. Januar 2016 spricht um 14 Uhr c. t. im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E24)

Prof. Dr. Gavril Farkas
Humboldt Universität Berlin

über das Thema:

What are abelian varieties of dimension six?

Abstract: Abelian varieties are group varieties, that is, loci given by polynomial equations which simultaneously admit a group structure. It is classically known that general abelian varieties of dimension at most five are Prym varieties associated to covers between algebraic curves. This reduces the study of abelian varieties of small dimension to the beautifully concrete and rich theory of curves.

I will discuss decisive recent progress on finding a structure theorem for abelian varieties of dimension six, and the implications this uniformization result has on the geometry of their moduli space.

Der Gast wird von Prof. Dr. Frank-Olaf Schreyer betreut.

Alle Interessenten sind zum Vortrag herzlich eingeladen.

Kaffee und Tee ab 13.45 Uhr im Konferenzraum der Mathematik (Erdgeschoss, Raum 103)

Die Dozenten der Mathematik