



Leibniz
Universität
Hannover

Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Dr. Daniel Loughran
(Leibniz Universität Hannover)

"Good reduction of varieties"

In 1983, Faltings proved the famous Mordell conjecture on the finiteness of the set of rational points on curves of higher genus.

Along the way he proved numerous other finiteness statements, including the Shafarevich conjecture, which states that there are only finitely many curves of higher genus over the rational numbers which have good reduction outside any given set of prime numbers. In this talk we shall consider analogues of the Shafarevich conjecture for other classes of varieties (this is joint work with Ariyan Javanpeyker). I won't assume that you know much algebraic geometry or number theory.

Mittwoch, 28.05.2014
ab 16:00 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

gez. Prof. Dr. C. Bessenrodt, Prof. Dr. M. Cuntz, Prof. Dr. U. Derenthal

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