



Universität Konstanz

**Fachbereich
Mathematik und Statistik**
Schwerpunkt
Reelle Geometrie und Algebra

Einladung

Im Oberseminar *Modelltheorie* hält

Derya Çiray
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am **Montag, 12.12.2016**, einen Vortrag zum Thema:

Mild parametrization in o-minimal structures

Der Vortrag findet um **15:15 Uhr** in **F426** statt.
Alle Interessenten sind herzlich eingeladen.

Abstract: The application of mild parametrization, which is a parametrization with some control on the derivatives, was first introduced in the realm of diophantine geometry by Pila, to obtain results about the density of rational points on the graphs of non-algebraic pfaffian functions. Furthermore he has shown that mild parametrization with sufficient uniformity in parameters would be sufficient to establish Wilkie's conjecture.

In this talk I will talk about interactions between o-minimal structures and mild parametrization and discuss whether certain o-minimal expansions of the reals admit mild parametrization or not.

Sebastian Gruler
Koordinator Oberseminar