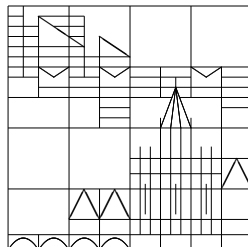


Universität Konstanz
Fachbereich
Mathematik und Statistik



Prof. Dr. Robert Denk
apl. Prof. Dr. Michael Dreher
Prof. Dr. Reinhard Racke
Prof. Dr. Oliver Schnürer
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Konstanz, den 16. November 2012

Im
Oberseminar Partielle Differentialgleichungen
wird am
Donnerstag, dem 08. November 2012,

folgender Vortrag gehalten:

Prof. Dr. Oliver Schnürer (Universität Konstanz):
“Mean curvature flow without singularities”

Zeit: 13:30 Uhr

Raum: F 426

Interessenten sind herzlich willkommen!

R. Denk, M. Dreher, R. Racke, O. Schnürer

Abstract: We study graphical mean curvature flow of complete solutions defined on subsets of Euclidean space. We obtain smooth long time existence. The projections of the evolving graphs also solve mean curvature flow. Hence this approach allows to smoothly flow through singularities by studying graphical mean curvature flow with one additional dimension. We will illustrate the main results through pictures.

This is joint work with Mariel Sáez.