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Im

Oberseminar Partielle Differentialgleichungen

gibt es am

Donnerstag, dem 7. November 2013,

einen Vortrag von

**Dr. Benjamin Lambert**

(Universität Konstanz)

*“Mean Curvature Flow with a Neumann Boundary Condition  
inside Tori”*

Beginn: **15:15 Uhr**

Raum: **F 426**

Interessenten sind herzlich willkommen!

R. Denk, H. Freistühler, R. Racke, O. Schnürer

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**Abstract:** We will look at mean curvature flow with a Neumann boundary condition and in particular focus on results within rotational tori. Properties of these boundary manifolds allow us to demonstrate long time existence and convergence of mean curvature flow, under an initial assumption the initial data is graphical. We will also discuss methods to obtain gradient estimates and the role of assumptions on the boundary manifold.

(invited by Oliver Schnürer)