



Im

Oberseminar Partielle Differentialgleichungen

gibt es am

Donnerstag, dem 18. Dezember 2014,

einen Vortrag von

Dr. Melanie Rupflin

(Universität Leipzig)

“Mean curvature flow respecting obstacles”

Beginn: **15:15 Uhr**

Raum: **F 426**

Interessenten sind herzlich willkommen!

R. Denk, H. Freistühler, O. Schnürer

Abstract: We consider the problem of evolving hypersurfaces by mean curvature flow in the presence of obstacles, that is domains which the flow is not allowed to enter. In this talk we consider the case of complete graphs and explain how the approach of M. Sáez and O. Schnürer yields a global weak solution to the original problem for general initial data and on-sided obstacles.

(invited by Oliver Schnürer)