



Im

Oberseminar Partielle Differentialgleichungen

gibt es am

*Donnerstag, dem 10. Januar 2013,*

einen Vortrag von

**Prof. Dr. Jan Metzger** (*Universität Potsdam*):

*“Minimizers of the Willmore functional with prescribed area”.*

Beginn: **15:15 Uhr**

Raum: **F 426**

Interessenten sind herzlich willkommen!

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

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**Abstract:** In this talk I will discuss joint work with Tobias Lamm on the Willmore functional of immersed surfaces in Riemannian manifolds subject to a small area constraint. We show that for small enough area there are smooth minimizers that concentrate near points of maximal scalar curvature.

(invited by Prof. Dr. Oliver Schnürer)