



Wintersemester 2014/15

**Oberseminar  
Geometrische Analysis und Mathematische Relativitätstheorie**

Am Freitag, den 19.12.2014 spricht um 14 Uhr c. t. im Raum N16

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

über das Thema

**Surfaces minimizing the Willmore energy for small prescribed area**

In this talk I will consider the Willmore functional for surfaces in three dimensional Riemannian manifolds subject to (small) prescribed area. The goal is to discuss old and new results on the existence of such surfaces and their interaction with the ambient geometry. This is joint work with Tobias Lamm and Felix Schulze.

Hierzu wird herzlich eingeladen.

C. Cederbaum, G. Huisken