



Im

Oberseminar Partielle Differentialgleichungen

gibt es am

Donnerstag, dem 12. Januar 2017,

einen Vortrag von Frau

Prof. Dr. Dorothee Haroske

(Universität Jena)

“Function spaces on h -sets: traces, envelopes and embeddings”

Beginn: **15.15 Uhr**

Raum: **F426**

Interessenten sind herzlich willkommen!

R. Denk, R. Racke, O. Schnürer

Abstract: We study (weighted) spaces of Sobolev and Besov type with respect to their traces on fractal h -sets. We report on results obtained jointly with Antonio Caetano (Aveiro/Portugal) concerning the existence of traces, density of test functions supported outside the fractal set (the so-called dichotomy), embeddings and growth envelopes. Naturally, the weight parameters and the geometry of the underlying sets have strong influence on all these phenomena.

(invited by Prof. Dr. Robert Denk)