



Im

Oberseminar Partielle Differentialgleichungen

gibt es am

Donnerstag, dem 07. Mai 2015,

einen Vortrag von

Prof. Dr. Robert Denk

(Universität Konstanz)

“Pseudodifferential operators on the torus”

Beginn: **15:15 Uhr**

Raum: **F 426**

Interessenten sind herzlich willkommen!

R. Denk, R. Racke, O. Schnürer

Abstract: We consider pseudodifferential operators on the n -dimensional torus which are based on Fourier series. On the torus, the symbol classes are defined (in analogy to the Hörmander class in $\mathbb{R}^n$) using finite differences instead of derivatives. We discuss the definition of classical function spaces on the torus like Besov and Sobolev spaces and continuity of pseudodifferential operators in these spaces.
