



Wir laden recht herzlich zu einem Vortrag im Rahmen des

Oberseminars Partielle Differentialgleichungen

ein:

**Prof. Dr. Jörg Seiler**

(Università degli Studi di Torino)

*“Parameter-dependent pseudodifferential operators of finite regularity”*

**Donnerstag, 14. Februar 2019**

Beginn: **15:15 Uhr**

Raum: **F0426**

Interessenten sind herzlich willkommen!

R. Denk, R. Racke, O. Schnürer

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**Zusammenfassung:** he seminar concerns a calculus for parameter-dependent pseudodifferential operators on  $\mathbb{R}^n$  introduced by Grubb. The specific feature of this calculus is the so-called “regularity” of the symbols. A new characterisation of regularity will be presented and it will be discussed how to extend the concept of parameter-ellipticity from symbols of positive regularity to symbols of vanishing or negative regularity.

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(eingeladen von Prof. Dr. Robert Denk)