

Im Oberseminar
Deformationsquantisierung
spricht am **25.04.2014 um 10 Uhr c.t.**,
im Seminarraum 00.009 (Physik Ost)
BENEDIKT HURLE
über das Thema:
Deformation of fiber bundles

In this talk, I will present the topic of my master thesis. It is about deformation quantization of fiber bundles $P \rightarrow M$, where M has a given starproduct \star_M . The aim is to find necessary and sufficient conditions for the existence of a bimodule or an algebra structure on $C^\infty(P)$, which is compatible with \star_M . Also some examples coming from the theory of quantum groups will be studied.

gez. Stefan Waldmann