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 $P \to M$, 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