

Seminarankündigung

## Deformationsquantisierung

**Am 6. 11. 2020 spricht um 14 Uhr c.t.**

<https://bbb.durates.net/b/ste-2va-uez>

KASIA REJZNER (UNIVERSITY OF YORK)

Algebraic structures in perturbative AQFT

In this talk I will present the main algebraic structures featuring in the perturbative algebraic quantum field theory (pAQFT) framework: the non-commutative star product, the commutative time-ordered product, as well as assorted structures related to the BV quantization. I will focus on the situation, where UV divergences can be neglected (regular observables case). This talk will be partially based on the on-going project with Eli Hawkins.

gez. Stefan Waldmann