

Im Oberseminar

Deformationsquantisierung

spricht am **04.07.2019 um 14 Uhr c.t.**,

im Seminarraum SE 30

NILS CARQUEVILLE

über das Thema:

Defect TQFTs and orbifolds

A general framework will be discussed which unifies group equivariantisations and state sum models, in the context of topological quantum field theory (TQFT) in arbitrary dimension. After a review of the 2-dimensional case, I will outline general aspects of the construction and discuss examples in 3 dimensions, including Turaev- Viro theory as an orbifold, as well as surface defects in quantised Chern-Simons theory. (Based on joint work with I. Runkel and G. Schaumann.)

gez. Stefan Waldmann