

Seminar: "Geometry&Physics", DFT (IFIN-HH)
([Seminar Homepage](#)) ([Indico Page](#))

Location: DFT seminar room, IFIN-HH, Magurele

Date: Friday, July 14, 2017, 11:00 AM

Title: **Orbifolds of defect TQFTs**

Speaker: **Prof. Nils Carqueville** (*University of Vienna*)

Abstract: "I discuss a general framework that unifies group orbifolds 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 models and surface defects in Reshetikhin-Turaev theory. This is joint work with I. Runkel and G. Schaumann."