



EINLADUNG

im Rahmen des Seminars für Mathematische Physik
(Joint TU/UV Theory Seminar)

zum Vortrag

von

Nicolas Boulanger

(UMONS)

über

„New higher-spin topological systems in 3D“

Abstract:

Motivated by the generation of action principles from off-shell dualisation, we present a general class of free, topological theories in three dimensions that exhibit higher-spin gauge invariance.

In the spin-2 case, we recover the triplet system already known before. The higher-spin systems that we obtain, on the other hand, seem to be new.

We show that the flat limit of our action around (A)dS₃ background gives rise to a one-parameter family of inequivalent actions in Minkowski space, whose non-Abelian deformations are studied.

Zeit: Dienstag, **06.06.2023, 14.00 h**

Ort: Erwin-Schrödinger-Hörsaal, Fakultät für Physik, Boltzmannngasse 5, 5. Stock

gez.: S. Fredenhagen, D. Grumiller, E. Batista, R. Ruzziconi