



# ***EINLADUNG***

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

zum Vortrag

von

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(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)dS<sub>3</sub> 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