



EINLADUNG

im Rahmen des Seminars für Mathematische Physik

zum Vortrag

von

Linus Wulff

(Masaryk University, Brno)

über

***„Generalized supergravity and
non-abelian T-duality anomaly“***

Abstract:

I will describe how kappa symmetry of the Green-Schwarz superstring leads to the so-called generalized supergravity equations for the background fields. I will then focus on some interesting connections with non-abelian T-duality. Non-abelian T-duality is known to be anomalous for certain groups and I will show how the structure of the anomaly fits with the generalized supergravity equations. This analysis leads to an interesting way that the anomaly can cancel in certain cases.

Zeit: Dienstag, 17.04.2018, 13:45

Ort: TU Wien, Freihaus, SEM 136, 10. Stock,
Wiedner Hauptstr. 8-10, 1040 Wien

gez.: S. Fredenhagen, D. Grumiller