



EINLADUNG

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

zum Vortrag

von

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„Galilean and Carrollian limits of non-relativistic strings“

Abstract:

I will present and analyze two novel classes of non-relativistic string actions.

Non-relativistic string theory usually refers to a particular limit of string theory that results in a non-relativistic spectrum, as I will briefly review from a modern geometrical perspective. However, the worldsheet geometry of such strings is still Lorentzian. Motivated in part by decoupling limits of N=4 SYM, I will introduce two related constructions that lead to novel classes of non-relativistic strings with Galilean and Carrollian structures on the worldsheet, respectively.

Time permitting, I will briefly present their Hamiltonian constraint analysis, and I will comment on their potential relevance for accessing new solvable subsectors of AdS/CFT.

Zeit: Dienstag, **21.03.2023, 14.00 h**

Ort: TU Wien- SEM.R.DA grün 05 (Freihaus, TU Wien, Wiedner Hauptstrasse 8)

gez.: S. Fredenhagen, D. Grumiller, E. Battista, R. Ruzzi