



EINLADUNG

im Rahmen des Seminars für Mathematische Physik

(Joint TU/UV Theory Seminar)

zum Vortrag

von

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(TU Wien)

über

„Asymptotic symmetries of three-dimensional black strings“

Abstract:

In three-dimensional pure gravity, there are no asymptotically flat black holes. However, once matter is present, richer geometries appear: it is the case for the Horne-Horowitz black string and its generalisation. During this talk, I will present the first set of consistent boundary conditions which include the black string and leads to finite, integrable and conserved charges. The asymptotic symmetry algebra consists in a Witt algebra supplemented by three global $u(1)$ charges. In the last part of the talk, I will discuss the thermodynamics of these solutions and point out some peculiar features of this system.

Zeit: Dienstag, 20.11.2018, 13:45

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

gez.: S. Fredenhagen, D. Grumiller, D. Erking, R. Wutte