



EINLADUNG

im Rahmen des Literaturseminars

zum Vortrag

von

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über

“Soft Heisenberg hair”

Abstract:

The notion of "soft hair" refers to zero energy excitations in the near horizon region of black holes or cosmologies, advocated by Hawking, Perry and Strominger.

I review recent results on soft hair in three spacetime dimensions. In particular, I focus on the near horizon symmetry algebra, which turns out to be surprisingly simple, namely infinite copies of the Heisenberg algebra. The results are universal (in a sense that I shall make precise) and could generalize to higher dimensions.

Talk based on arXiv papers 1603.04824, 1607.00009, 1607.05360.

Zeit: Donnerstag, 24.11.2016, **14.00**

Ort: Arbeitsgruppe Gravitation, Währinger Straße 17,
Raum 218, 2. Stock

gez.: P. Chrusciel