



EINLADUNG

Lunchseminar

zum Vortrag

von

Tim Paetz

(Univ. Wien)

über

***“The limit of Kerr-de Sitter spacetime
with infinite angular-momentum parameter a ”***

Abstract:

We consider the limit $a \rightarrow \infty$ of the Kerr-de Sitter spacetime and analyze its global structure, with particular attention to its Killing horizons. This solution to Einstein's field equations with positive cosmological constant contains, apart from Λ , a unique free parameter which can be related to the angular momentum of one of its Killing horizons. A maximal extension of the (axis of the) spacetime is explicitly built. This is joint work with Marc Mars and Jose Senovilla

Zeit: Mittwoch, 10.01.2018, **13:00**

Ort: Arbeitsgruppe: Gravitation, Währinger Straße 17,
common room 1. Stock

gez.: P. T. Chrusciel