



EINLADUNG

Lunchseminar

zum Vortrag

von

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über

*“On the choice of a conformal Gauss gauge near the
cylinder representing spatial infinity”*

Abstract:

A convenient approach to analyze spatial infinity is to use a cylinder representation and impose a gauge based on a congruence of conformal geodesics. This so-called conformal Gauss gauge comes along with the freedom to specify initial data for the conformal geodesics. Such a gauge has been constructed from an ordinary Cauchy surface and from past null infinity, respectively. In this talk we compare these gauges near the critical set, where the cylinder "touches" past null infinity, as it turns out that they are related in a somewhat unexpected intricate way.

Zeit: Freitag, 15.3.2019, **13.00**

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

gez.: P. T. Chrusciel