



E I N L A D U N G

Lunchseminar

zum Vortrag

von

Zoe Wyatt

(Edinburgh and Univ. Vienna)

über

***"An introduction to the r^p -weighted vector field method
of Dafermos and Rodnianski"***

Abstract:

In 2009 Dafermos and Rodnianski introduced a new approach to decay estimates of wave equations on a Lorentzian background. Instead of using global vector field multipliers and commutators with weights in t , they developed a heirarchy of estimates coming from r^p weighted vector fields. In this talk I will introduce their method applied to Minkowski and Schwarzschild spacetimes and outline some of the reasons why their method is particularly useful when dealing with Schwarzschild and Kerr background metrics. SC005336.

Zeit: Montag, 28.1.2019, 13.00

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

gez.: P. T. Chrusciel, D. Fajman