



EINLADUNG

Lunchseminar

zum Vortrag

von

Jin Woo Jang

(IBS, Pohang, Südkorea)

über

***“On the relativistic Boltzmann equation
without angular cutoff”***

Abstract:

In this talk, we study a recent result on the development of the global-in-time existence, uniqueness and asymptotic stability for solutions nearby the relativistic Maxwellian to the special relativistic Boltzmann equation without any angular cutoff. In the physical situation, the angular function in the collision kernel is not locally integrable, and the collision operator behaves like a fractional diffusion operator. This resolves the open question of perturbative global existence without the Grad's angular cut-off assumption. This is a joint-work with Robert M. Strain.

Zeit: Freitag, 13.12.2019, **13:00**

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

gez.: P. T. Chruściel, D. Fajman