



Wintersemester 2017/18

**Oberseminar
Geometrische Analysis, Differentialgeometrie und Relativitätstheorie**

Am Donnerstag, den 23.11.2017 spricht um 15 Uhr c. t. im Raum S9

Dr. Martin Kell

über das Thema

The Monge problem in general relativity

The talk deals with optimal transport in general relativity. The involved cost is the relativistic equivalent of distance to the power 1 in the non-relativistic setting. In order to solve the corresponding Monge problem one needs to deal with non-existence of Kantorovich potentials and a cost that is neither finite-valued nor strictly convex along geodesics. This is a joint work with Stefan Suhr (Bochum).

Hierzu wird herzlich eingeladen.

C. Cederbaum, G. Huisken