



**Oberseminar
Geometrische Analysis, Differentialgeometrie und Relativitätstheorie**

Am Donnerstag, den **24.09.2026** spricht um **14 Uhr** im Raum **C4H33**

Dr. Virinchi Rallabhandi
(University of Edinburgh)

über das Thema

Spinorial quasilocal mass and the cosmological constant

In this talk Dr. Virinchi Rallabhandi will discuss spinorial approaches to quasilocal mass and the effects of a cosmological constant. He will start by reviewing quasilocal masses in general relativity, with a focus on the Dougan-Mason definition. Then, he will present my generalisation of this definition to include a negative cosmological constant and explain some of its properties. Finally, Dr. Virinchi Rallabhandi will conclude with some speculation about incorporating a positive cosmological constant and the difficulties this entails.

Hierzu wird herzlich eingeladen.

Carla Cederbaum