



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 06.11.2018

17 Uhr s.t., Geom H4

Prof. Dr. Joel Fine

(Université Libre de Bruxelles)

The geometry of Einstein's equations

Abstract:

Einstein's field equations are, of course, central in physics, but they are also of great importance in pure mathematics. I will explain what the equations say and how they have been used to great effect in 2 and 3 dimensional geometry. I will then give a survey of what is known and what remains to be discovered in dimension 4. No prior knowledge of differential geometry or Einstein's equations will be assumed.

Vor dem Vortrag (ab 16.30 Uhr) stehen im Raum 327 Kaffee und Tee bereit.