



Wintersemester 2018/19

Gastvorlesung

Prof. Dr. Simon Brendle
(Columbia University)

über das Thema

Singularities of geometric flows

I will discuss the formation of singularities under the mean curvature and Ricci flow. We know from work Perelman that singularities are often modeled on ancient solutions. These are solutions that have a backhistory going back infinitely far in time; as such, they are analogous to entire solutions of elliptic PDEs. It is a central problem to classify these ancient solutions. I will discuss recent uniqueness theorems for ancient solutions.

Termine

Donnerstag,	den 13.12.2018	14 Uhr c.t.-16 Uhr	7 E 02 (Hörsaalzentrum)
Donnerstag,	den 20.12.2018	14 Uhr c.t.-16 Uhr	7 E 02 (Hörsaalzentrum)
Donnerstag,	den 10.01.2019	14 Uhr c.t.-16 Uhr	7 E 02 (Hörsaalzentrum)

Hierzu wird herzlich eingeladen.