

25.10.2022

Einladung

zu der am **Mittwoch, den 9. November 2022,**
um **11:45 Uhr** im **Hörsaal M4** stattfindenden

Antrittsvorlesung

von Herrn PD Dr. Rudolf Zeidler

über das Thema

„Metric inequalities under lower scalar curvature bounds”

Kurzfassung: Metric inequalities on Riemannian manifolds subject to lower scalar curvature bounds have become an important aspect in the study of scalar curvature in the recent years, in particular due to conjectures raised by Gromov. This has led to new geometric phenomena involving the scalar curvature, but which are vaguely reminiscent of classical results in comparison geometry for sectional or Ricci curvature. In this talk, I will give an introduction to this type of questions and survey some of the recent results.

gez. Xiaoyi Jiang, Dekan