



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 26.05.2026

17 Uhr, Geom H6

Prof. Jason Lotay
(University of Oxford)

Computers, geometry and Einstein

Abstract:

Computers have been very helpful to study research problems in geometry for a long time, whether to help in lengthy computations, provide visualisations or give numerical predictions. However, a recent advance has been the application of rigorous numerical methods, using a computer, to prove new theorems in geometry, specifically in the study of Einstein metrics. I will describe what this geometry is, why it is important, what was proved and where computers played a crucial role.

**Vor dem Vortrag (ab 16.30 Uhr) stehen im Foyer vor Hörsaal H6
Kaffee und Tee bereit.**

