



# Mathematisches Kolloquium

Datum: Donnerstag, 18. Januar 2024  
Ort: HS 4, Carl-Zeiß-Straße 3  
Zeit: 16:30 Uhr  
(Kaffee ab 15:45 Uhr im Common Room 3524, Ernst-Abbe-Platz 2)

## Prof. Dr. Jürgen Jost

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# „Generalized Curvatures and the Geometry of Data”

**Abstract:** Curvature is the most important concept of Riemannian geometry, and it has been extended to metric spaces. Here, I shall develop a notion of curvature that also applies to discrete spaces (as occurring as data samples), links curvature to the concept of hyperconvexity and offers a geometric view on topological data analysis.

Alle Interessierte sind herzlich eingeladen.