

Einladung zu einem Vortrag in der

AG STOCHASTIK

am Dienstag, 30.06.2026, um 15.45 Uhr.

Prof. Dr. Christoph Thäle

Ruhr-Universität Bochum

spricht über das Thema

Seeing Through Hyperbolic and More General Spaces

This talk explores recent advances in hyperbolic stochastic geometry, focusing primarily on Boolean models in d -dimensional hyperbolic space $\mathbb{H}^d$. More precisely, we study the visibility horizon in Euclidean and hyperbolic spaces, which is exponentially distributed in both settings. We then investigate the extent to which this phenomenon is driven by the geometry of the underlying space. We also examine phase transitions for the mean visible volume. If time permits, we will compare our findings with those for the zero cell in a hyperbolic Poisson hyperplane tessellation.

Ort: SR 2.058 (Geb. 20.30)

Die Dozentinnen und Dozenten der Stochastik