

# **Closed Einstein manifolds of negative curvature**

**Frieder Jäckel  
(ULB)**

**Wednesday, February 25, 2026  
16:00-17:00h on campus in M.G.006  
Analysis & Geometry Seminar, Antwerpen**

We show that in any dimension at least four, there exist infinitely many closed manifolds that admit an Einstein metric with negative sectional curvature, but that do not admit any locally symmetric metric (e.g., no hyperbolic or complex-hyperbolic metric). In dimensions at least five, these are the first examples of such manifolds. The talk is based on joint work with Ursula Hamenstädt.