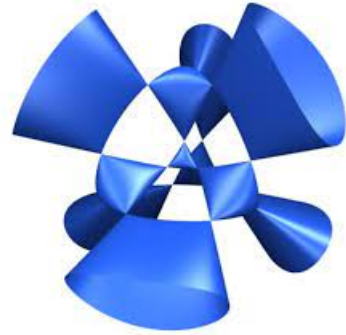


**Oberseminar Geometrie**  
Department of Mathematics  
University of Fribourg  
Lecture room 2.52 Physics  
**Wednesday April 13, 2022, 10:20**



CHRISTIAN LANGE (LMU MÜNCHEN)

### **Recognizing manifolds among orbifolds**

The question when a Riemannian orbifold is a manifold can be understood in several ways. For instance, one might ask when it is isometric, bi-Lipschitz homeomorphic or just homeomorphic to a Riemannian manifold and all three interpretations admit different answers in terms of local data. Moreover, in the first case one can provide interesting characterizations and criteria in terms of global data such as topological invariants. In the talk I will explain all this in more detail and discuss some applications and open problems.