

## **Jürgen Berndt**

Title: Foliations and cohomogeneity one actions

Abstract: An isometric action on a connected complete Riemannian manifold is of cohomogeneity one if its orbit space is one-dimensional. Any such action induces a foliation on the manifold, possibly with one or two singular leaves. The aim of the talk is to provide a brief introduction to the general theory of such foliations, and to present an overview of the current status of the classification of such foliations on symmetric spaces.