



Speaker: Fernando Galaz-Garcia
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Tuesday, March 26, 2013
11:00 AM
258 Hurley Hall

Title: Singular Riemannian foliations by Bieberbach manifolds

Abstract:

Isometric actions of compact Lie groups on Riemannian manifolds are examples of singular Riemannian foliations. This talk will focus on singular Riemannian foliations whose leaves are homeomorphic to Bieberbach manifolds, generalizing isometric torus actions. I will discuss the structure of these foliations, their classification in codimension 1 and 2 and some applications to nonnegatively and positively curved Riemannian manifolds.

This is joint work with Marco Radeschi