



Speaker: Fernando Galaz-Garcia
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Thursday, March 20, 2008
1:00 PM
127 Hayes-Healy Hall

Title: Constructing 4-manifolds with almost nonpositive curvature

Abstract:

We will outline the construction of a family of Riemannian metrics with almost nonpositive curvature on some 4-manifolds whose universal covering space is not contractible. These metrics have the surprising property of making the distance between any two points in the 4-manifold small while keeping a fixed upper curvature bound.