Bill Goldman
University of Maryland

will speak on

Complete affine 3–manifolds and hyperbolic surfaces

ABSTRACT: A complete affine 3–manifold is a quotient of 3–space by a
discrete group of affine transformations which acts properly and freely on
3–space. A hyperbolic surface is a quotient of the hyperbolic plane by a dis-
crete group of isometries acting freely. The classification of complete affine
3–manifolds reduces to studying deformations of noncompact hyperbolic sur-
faces which uniformly lengthen geodesics. This talk will describe progress on
the classification and the properties of these manifolds.

Monday, 14 September 2009
Lecture at 4:00 pm
Coffee, tea, and refreshments from 3-5 pm
Room 617, Wachman Building
Department of Mathematics