

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

BOUNDARIES OF SPACES OF NON-POSITIVE CURVATURE

Ruth Charney
(Brandeis)

Mar 5, 2014, 4:00 – 5:00pm
Math/Computer Science, Room 148
111 Cummington Street, Boston

Tea: 3:45pm in Room 144

Abstract: : Boundaries of hyperbolic spaces play an important role in the study of hyperbolic groups and hyperbolic manifolds. Analogous boundaries exist for simply connected spaces of non-positive curvature (CAT(0) spaces) but they are not as well behaved and hence less effective. I will discuss the differences between these two settings and then introduce a new boundary for CAT(0) spaces designed to capture hyperbolic-like behavior. (Joint work with Harold Sultan)

See <http://math.bu.edu/research/geom/seminar.html> or contact Si Li sili@math.bu.edu for more information.