

Geometry, Groups and Dynamics/GEAR Seminar
(held at the Illinois hub of GEAR)

Thursday, September 4, 2014, 1:00 pm, 243 Altgeld Hall

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Acylically hyperbolic groups and small cancellation quotients

Abstract: We will discuss the class of acylindrically hyperbolic groups, a generalization of hyperbolic and relatively hyperbolic groups which includes mapping class groups, $\text{Out}(F_n)$ and many other examples. In particular, we will discuss certain generalizations of small cancellation theory to the class of acylindrically hyperbolic groups and the properties and applications of the associated quotient groups.

[Video](#)