

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

**Thursday, March 5, 2015, 1:00 pm in 243 Altgeld Hall**

Chris Leininger (Illinois)

Homology and dynamics of pseudo-Anosovs

Abstract: I'll explain a connection between a pseudo-Anosov homeomorphism's stretch factor, and its action on homology. This provides a kind of interpolation between a result of Penner and our prior work with Farb and Margalit, and answers a question of Ellenberg. This is joint work with Agol and Margalit.

[Video](#)