

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

12:00 pm, Tuesday, January 26, 2016, 243 Altgeld Hall

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Slowly converging Pseudo-Anosovs

Abstract: A classic property of pseudo-Anosov mapping classes is that they act on PML with north-south dynamics. This means that for such a mapping class laminations converge exponentially towards its stable lamination under iteration. We will discuss a new result which shows that (whenever the surface is sufficiently complex) there are pseudo-Anosovs where this convergence is exponential but arbitrarily slow, that is, with base arbitrarily close to one. This work is joint with Saul Schleimer.

[Video](#)