

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

12:00 pm, Thursday, January 21, 2016, 243 Altgeld Hall

Chris Leininger (Illinois)

Limits of Teichmüller geodesics

Abstract: I will discuss joint work with Brock, Modami, and Rafi in which we describe local combinatorial constructions for quasi-geodesics in the curve complex which limit to non-uniquely ergodic laminations.

We have good control on the intersection numbers for these sequences, and in particular, we are able to analyze the limiting behavior in the Thurston boundary of Teichmüller space of Teichmüller rays defined by these laminations. These limits exhibit new and unexpected phenomena.

[Video](#)