

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

Thursday, April 16, 2015, 1:00 pm in 243 Altgeld Hall

**Mladen Bestvina (University of Utah)**  
**Boundaries of (some)  $Out(F_n)$ -complexes**

Abstract: It has recently been shown that  $Out(F_n)$  acts on several interesting hyperbolic complexes in analogy with mapping class groups acting on the curve (or arc) complex. In the talk I will try to describe what the boundaries of two of these (free factor and splitting) complexes look like. The answer is modelled on Klarreich's description of the boundary of the curve complex as the space of ending laminations. This is joint work with Reynolds and with Feighn-Reynolds (in progress) respectively.

[No video available]