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

12:00 pm, Tuesday, September 20, 2016, 243 Altgeld Hall
Caglar Uyanik (Illinois)
Dynamics of free group automorphisms and a subgroup alternative for Out(F_N)
Abstract: The study of outer automorphism group of a free group is closely related to the study of mapping class groups of hyperbolic surfaces. In this talk, I will draw analogies between these two groups, and deduce several structural results about subgroups of Out(F_N) by proving several north-south dynamics type results. Part of this talk is based on joint work with Matt Clay.

Video