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

12:00 pm, Tuesday, December 1, 2015, 345 Altgeld Hall
Javier Aramayona (Madrid)
The abelianization of automorphism groups of right-angled Artin groups
Abstract: Automorphism groups of right-angled Artin groups form an interesting class of groups, as they "interpolate" between the two extremal cases of Aut(Fn) and GL(n,Z). In this talk we will discuss some conditions on a simplicial graph which imply that the automorphism group of the associated right-angled Artin group has (in)finite abelianization. As a direct consequence, we obtain families of such automorphism groups that do not have Kazhdan's property (T). This is joint work with Conchita Martinez-Perez.
Video