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

**12:00 pm, Thursday, April 20, 2017, 243 Altgeld Hall**
Michelle Chu (UT Austin)
Special subgroups of Bianchi groups
Abstract: The study of (virtually) special cube complexes and groups played a key role in the resolution of the virtual Haken and virtual fibering conjectures. Recently there has been interest in determining the index of special subgroups of virtually special groups. In this talk, we answer this question in the case of the Bianchi groups. We find special congruence subgroups for each Bianchi group $PSL(2,O\_d)$ with uniformly bounded index independent of d.

Video