

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

**Tuesday, September 9, 2014, 1:00 pm, 243 Altgeld Hall**

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Directions in Hyperbolic Lattices

Abstract: Let  $\Gamma$  be a lattice in  $\mathrm{PSO}(n,1)$ . Given two points  $w$  and  $z$  in  $H^n$ , we analyze local statistics of the set of directions of orbit  $\Gamma.w$  as viewed from  $z$ .

[Video](#)