



## GEOMETRY, TOPOLOGY, AND PHYSICS SEMINAR

# Ideal triangulations of hyperbolic manifolds, II

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Friday, November 18, 2011, 4:00 p.m.  
Room 6635 South Hall

**Abstract:** We will describe some examples of triangulations of hyperbolic 3-manifolds using ideal simplices (vertices on the light cone) and the resulting gluing equations that give a hyperbolic structure. Followed by a description of the Pachner moves which enable one to move between different triangulations.

This seminar is part of the NSF/UCSB 'Research Training Group' in Topology and Geometry. Information about future meetings can be found at <http://www.math.ucsb.edu/~drm/GTPseminar/>