ADAM CLAY, University of Manitoba
Generalized torsion in 3-manifold groups

This talk will begin with a brief review of left- and bi-orderability of groups, and how each of these properties relates to torsion-freeness and generalized torsion-freeness. I will briefly discuss each of these properties in the context of 3-manifold groups, and then show how to construct a 3-manifold whose fundamental group is generalized torsion-free, yet not bi-orderable. This resolves a conjecture of Motegi and Teragaito, and is joint work with Tommy Cai.