DAVID SPEYER, University of Michigan

Coxeter groups and torsion classes of quiver and preprojective algebras

I'll describe the relationship between the combinatorics of Coxeter groups, and the representation theory of quiver path algebras and preprojective algebras. I'll start back with Colin Ingalls and Hugh Thomas's 2006 paper "Noncrossing partitions and representations of quivers", explain how Nathan Reading and my work on Cambrian lattices fits in, and describe work in progress with Hugh Thomas and Will Dana.