Coxeter Groups Seminar

UNIVERSITY OF
NOTRE DAME
Department of Mathematics

Speaker: Matthew Dyer
University of Notre Dame

Monday, November 11, 2013
10:00 AM
258 Hurley Hall

Title: Reflection representations of Coxeter Groups

Abstract:

We discuss the relationship between the standard reflection representations (over the real numbers) of a Coxeter group and its "universal reflection representation'' (over a non-commutative coefficient ring). This refines and extends to general Coxeter groups the fact that, for irreducible finite Weyl groups, the standard reflection representation is a "special'' representation.