

University of Notre Dame Department of Mathematics  
**COXETER GROUPS SEMINAR**

**Matthew Dyer**

University of Notre Dame

*Will give a lecture entitled:*

**Reflection representations of Coxeter Groups II**

*On*

Monday, November 18, 2013

*At*

10:00 AM

*In*

258 Hurley Hall

***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.