



Speaker: Matthew Dyer
University of Notre Dame

Tuesday, January 26, 2016

12:00 PM

125 Hayes-Healy Hall

Title: Twisted Bruhat orders

Abstract:

Bruhat order is a partial order on a Coxeter group, which play a significant role in some parts of representation theory and Lie theory (e.g. in describing embeddings of Verma modules and inclusions of Schubert varieties). This talk will discuss twisted analogues of Bruhat order attached to biclosed subsets of positive roots (and, partly conjecturally, to pairs of such subsets) and their relationship to Bruhat order.