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**Speaker:** Timothy Ferdinands  
University of Notre Dame

Monday, September 30, 2013  
10:00 AM  
258 Hurley Hall

**Title:** Limit Roots and the Imaginary Cone for Coxeter Groups II

**Abstract:**

This is the second of two talks on the detailed structure of root systems of infinite Coxeter groups. This talk will discuss results regarding the fractal nature of the Imaginary cone and the group action on the Imaginary cone. We will discuss results regarding normalized roots and their limit points and their relationship to limit rays of the Imaginary cone.