

University of Notre Dame Department of Mathematics

TOPOLOGY SEMINAR

Allan Edmonds

Indiana University

Will give a lecture entitled:

Fixed Point Sets of Group Actions on Aspherical Manifolds

On

Thursday, April 28, 2011

At

12:45 PM

In

258 Hurley Hall

Abstract

Standard group actions on familiar aspherical manifolds such as tori have the property that all components of the fixed point set have the same dimension. We explore the possibilities for finite group actions on other aspherical manifolds with multi-dimensional fixed point sets, especially in low dimensions.