



Radical Pi presents:

# Fractal sets, Measures, and Dimensions

by Professor David Simmons

The theory of dynamical systems provides many interesting examples of “fractal” subsets of  $\mathbf{R}^n$  which are “pathological” from a calculus viewpoint but exhibit many interesting symmetries. The question of how to understand the geometry of these sets leads to notions such as Hausdorff dimension and conformal measures. In this talk I will explain these notions and relate them to concrete examples.

Wednesday, February 25, 5 PM  
Undergraduate Math Study Space (MA 052)  
**Free pizza!**