General Interest Seminar

Kevin Knudson (Mississippi State University)

will speak on

Topological Data Analysis

Tue 5th May 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

Improved computing capabilities have led to the development of new techniques to analyze large data sets. In this talk, I will discuss new topological methods for finding structure in point clouds. In particular, I will define persistent homology and present several examples of computations of the topology of data sets.

This talk is intended for a general mathematical audience; no expertise in the methods of algebraic topology will be assumed.

This talk is part of the **General Interest** series. For more, see
https://maths.ucd.ie/seminars