"It's not a lie... if you believe it. "

– George Costanza

The Trivial Notions Seminar
Proudly Announces

Curvature flow for curves and surfaces

A talk by

Jonathan Zhu

Abstract

Evolution of manifolds by a geometric flow can be a useful tool to analyze several problems in differential geometry and topology, the most notable example being Perelman's proof of the Poincare conjecture via Ricci flow. Of particular interest are the singularities that may occur under such a flow.
In this talk, we will survey the curve-shortening flow and its generalization to Euclidean hypersurfaces, and discuss the singularities that arise.

Thursday November 20$^{\text{th}}$, at 1:30 pm
Science Center 222