



The rising STAR of Texas

Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm October 28th, 2016

333 Derrick Hall

Title: Sets of finite perimeter for the equilibrium state of three immiscible fluids VII

Abstract: We will continue our study of the equilibrium state of three immiscible fluids using sets of finite perimeter. We have established the existence of subsequences of sets that converge to cones in the blow-up limit. We take a second blow-up to begin the analysis of the geometry of the triples of fluids in the tangent plane to the blow-up sphere.

Interested faculty and graduate students are encouraged to attend.