

WICHITA STATE UNIVERSITY  
Department of Mathematics and Statistics

*The Lecture Series in the  
Mathematical Sciences Presents Our Guest:*

Dr. Thalia Jeffres  
Wichita State University

*"Gauss Curvature Flow on Surfaces of Revolution."*

Abstract:

When each point on a hypersurface moves in the normal direction at a speed proportional to the Gauss curvature at that point, the surface is said to be evolving under Gauss Curvature Flow. I will discuss the nature of this flow on surfaces of revolution and also mention some interesting directions of current research. All the relevant terms will be defined and the talk will be quite accessible for everyone.

Friday, February 23, 2007  
3:00 PM in 372 Jabara Hall

*Please come join us for refreshments before the lecture  
at 2:30 p.m. in room 353 Jabara Hall.*