

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

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

Dr. Katrin Gelfert

Max-Planck Institute, Dresden, Germany

"Multifractal Analysis for Lyapunov Exponents"

Abstract:

In this talk we investigate the structure of the level sets of the Lyapunov exponents for a particular class of repellers. We establish a version of multifractal analysis for the topological entropy on the level sets.

Friday, February 25, 2005
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.*