



THE UNIVERSITY OF TEXAS AT ARLINGTON

Department of Mathematics



Mathematics and Statistics Colloquium

Date/Time/Room: Friday (4/10/2009) at 2:30 p.m. in Room 304 PKH

Speaker: Dr. Vera Serganova, Professor
Department of Mathematics
University of California, Berkeley

Lie superalgebras and supersymmetry

Abstract: The notion of supersymmetry was introduced by physicists in the end of 50-s. I plan to show several examples of supersymmetry in different areas of mathematics: representation theory, geometry, algebra, combinatorics. Then I will give a brief introduction to the theory of Lie superalgebras.

*Refreshments are served shortly after each presentation. Colloquia talks are 50 minutes long, followed by an open-forum discussion with faculty and graduate students.