

# WICHITA STATE UNIVERSITY

Department of Mathematics and Statistics

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

Prof. Dharam Chopra

Wichita State University

*" Balanced Arrays and Fractional Factorial Designs "*

Abstract:

In this talk we shall define balanced arrays which are matrices with some combinatorial structure. We will study some of their existence conditions and their use in constructing fractional factorial designs for factors at two levels. We will point out some unsolved problems arising in the construction of balanced arrays.

Friday, December 6, 2002  
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.*