

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

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

Prof. Kehe Zhu
SUNY at Albany, Albany, NY

"Bergman Spaces on the Unit Disk"

Abstract:

Let D be the unit disk in the complex plane and, for $p > 0$, let A^p denote the Bergman space consisting of analytic functions in $L^p(D, dA)$, where dA is area measure on D . The talk will be about the major advances in the field of Bergman spaces achieved in the last twenty years or so. Specific topics to be discussed include interpolation and sampling, invariant subspaces, zero sets, and cyclic vectors for A^p , as well as Toeplitz, Hankel, and composition operators acting on A^p .

Friday, March 16, 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.*