

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

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

Prof. Alexandre Boukhgueim
Wichita State University

" Inversion of Travel Time Data and the Structure of the Earth "

Abstract:

We will study the problem of finding 1-dimensional and 2-dimensional velocity structure of the Earth from travel times. This is so called inverse kinematic problem or the problem of recovering Riemannian metric from some integrals along geodesic lines.

The presentation will be nontechnical and is intended for a broad mathematical audience.

Friday, September 12, 2003
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.*