

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

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

Prof. Henrik Shahgholian
Royal Institute of Technology, Stockholm, Sweden

"Free Boundary Regularity"

Abstract:

We discuss recent developments in free boundary regularity, specially in presence of a fixed boundary. The main objective is to analyze the approach of the free boundary to the fixed one.

In this concern I discuss two problems, one of the obstacle type (joint with N. Uraltseva) and one of a Bernoulli type (joint with A. Karakhyan and C. Kenig).

Monday, March 22, 2004
3:00 PM in 226 Jabara Hall

*Please come join us for refreshments before the lecture
at 2:30 p.m. in room 353 Jabara Hall.*