

**APPLIED MATHEMATICS SEMINAR**  
Department of Mathematics  
University of West Georgia  
**4 PM, MONDAY, NOVEMBER 7, 2005, BOYD 330**

Speaker: Dr. Amin Boumenir

Title: **Inverse Problems by Matrices**

**Abstract**

In this talk, we discuss how matrices can be used to solve inverse problems arising from partial differential equations. One key aspect is the Dirichlet to Neumann map that is represented by an infinite matrix.

All are welcome.