

## ANALYSIS/PDE SEMINAR, FALL 2007

(11-12pm, Tuesday)

- **September 4:** Professor John Lewis, University of Kentucky  
*On the dimension of  $p$ -harmonic measure and related topics*
- **September 11:** Professor Allan Demlow, University of Kentucky  
*Finite element methods on surfaces*
- **September 18:** No seminar.
- **September 25:** Professor David Swanson, University of Louisville  
*Gevrey regularity of solutions to the  $d$ -dimensional Navier Stokes equations.*
- **September 27** (Special Numerical Analysis/PDE seminar): Professor J. Guzman, University of Minnesota
- **October 9:** Professor Pietro Poggi-Corradini, Kansas State University  
*The Chang-Marshall theorem in space*
- **October 16:** Professor Rostyslav Hryniv, University of Lviv, Ukraine.  
*Reconstruction of Radial Schrodinger and Dirac Operators*
- **October 23:** Professor Changyou Wang, University of Kentucky  
*Asymptotic behavior of infinity harmonic functions near isolated Singularities*
- **October 30:** Professor James Brennan, University of Kentucky
- **November 13:** Professor Xiaobing Feng, University of Tennessee  
*Fully Nonlinear PDEs and Their Numerical Solutions*
- **November 15** (Colloquium): Professor Daniel Phillips, Purdue University  
*A free boundary problem for liquid crystal fibers*
- **November 20:** Niko Marola, Prudue University  
*Quasiminimizers*
- **November 27:** Kaj Nystrom, University of UMEA, Sweden
- **December 4:** Professor Min-Chun Hong, University fo Queensland, Australia  
*Some new results on the ASD connection and its related flows on 4-manifolds*