



Department of Mathematics  
Seminars and Colloquia

March 24–28, 2008

**Geometric Analysis Seminar**

Monday  
March 24 Professor Harold Donnelly, Purdue University MATH 215  
"Theta Lifts and Concentration Properties of Eigenfunctions"  
3:30 P.M.

**Department of Mathematics Colloquium**

Tuesday  
March 25 Professor Bernard Deconinck, University of Washington UNIV 317  
"Riemann Surfaces and Nonlinear Waves"  
4:30 P.M.

**Working Algebraic Geometry Seminar**

Wednesday  
March 26 Professor Luca Scala, University of Chicago REC 117  
"Strange Duality on the Projective Plane and Cohomology of Tautological  
Bundles on Hilbert Schemes of Points on a Surface"  
3:30 P.M.

**Student Seminar on Analysis**

Wednesday  
March 26 Mr. George Hassapis, Purdue University BRNG 1202  
"Proof of Cauchy Integral Formula for  $C^1$  Functions"  
4:30 P.M.

**Automorphic Forms and Representation Theory Seminar**

Thursday  
March 27 Professor Muthu Krishnamurthy, University of Iowa MATH 731  
"A New Version of the Converse Theorem for  $GL(2)$ "  
1:30 P.M.

**Topology Seminar**

Thursday  
March 27 Professor Javier Zuniga, Purdue University REC 116  
"The Master Equation of Open–closed String Theory"  
3:30 P.M.

**PDE Seminar**

Thursday  
March 27 Professor Tiziana Giorgi, New Mexico State University REC 315  
"Effects of Coating Materials on Superconducting Systems"  
3:30 P.M.

You can also view this information on our departmental web page:  
<http://calendar.science.purdue.edu/math/seminars>