Department of Mathematics  
Seminars and Colloquia  
February 4–8, 2008

**IMA Information Session**

Tuesday  
February 5  
Professor Douglas Arnold, Director, IMA, University of Minnesota  
“The Institute for Mathematics and its Applications”  
1:30 P.M.

**Operator Algebras Seminar**

Tuesday  
February 5  
Professor Marius Dadarlat, Purdue University  
“One–Parameter Continuous Fields of Matrix Algebras”  
2:45 P.M.

**Department of Mathematics Colloquium**

Tuesday  
February 5  
Professor Doug Arnold, University of Minnesota  
“The Geometrical Basis of Numerical Stability”  
4:30 P.M.

**Working Algebraic Geometry Seminar**

Wednesday  
February 6  
Professor Uli Walther, Purdue University  
“Newton Gradings of Semigroup Rings”  
3:30 P.M.

**Student Seminar on Operator Algebras**

Thursday  
February 7  
Mr. Stefanos Orfanos, Purdue University  
“Exact C∗–algebras and Related Topics Chapter III”  
2:45 P.M. – 4:00 P.M.

**PDE Seminar**

Thursday  
February 7  
Professor Aaron Yip, Purdue University  
“Pulsating Wave for Mean Curvature Flow in an Inhomogeneous Medium”  
3:30 P.M.

**Number Theory Seminar**

Thursday  
February 7  
Mr. Ning Shang, Purdue University  
“Low Genus Curves and Cryptography”  
3:30 P.M.

**Topology Seminar**

Thursday  
February 7  
Professor Matthew Ando, UIUC  
“An Quasicategory Approach to Units of Ring Spectra and Thom Spectra”  
3:30 P.M.

**Computational Finance Seminar**

Friday  
February 8  
Professor Victor Goodman, Indiana University  
“Principal Component Analysis of Forward Interest Rates”  
2:30 P.M.
Department of Mathematics Special Colloquium

Friday February 8
Dr. Angela Hodge, North Dakota State University
“A Seminar on the Teaching of College Algebra: Pre-service Teachers’ Mathematical and Pedagogical Experiences”
3:30 P.M.

BRNG 1254

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