

# PURDUE

UNIVERSITY

## Department of Mathematics Seminars and Colloquia

February 11–15, 2008

### Geometric Analysis Seminar

Monday  
February 11 Professor Birgit Kaufmann, Purdue University MATH 215  
“Bethe–Ansatz for the Asymmetric XXZ Quantum Spin Chain”  
3:30 P.M.

### Department of Mathematics Special Colloquium

Monday  
February 11 Ms. Jessica Deshler, University of New Mexico BRNG 1222  
“Correlating Teaching Behaviors to Student Performance in Undergraduate  
Core Mathematics Classes at the University of New Mexico”  
3:30 P.M.

### Department of Mathematics Colloquium

Tuesday  
February 12 Professor Leonid Berlyand, Penn State University MATH 175  
“Modeling and Analysis of Particle – and Bio–suspensions”  
4:30 P.M.

### Working Algebraic Geometry Seminar

Wednesday  
February 13 Professor Uli Walther, Purdue University REC 117  
“Newton Gradings of Semigroup Rings II”  
3:30 P.M.

### Commutative Algebra Seminar

Wednesday  
February 13 Mr. Lance Bryant, Purdue University, MATH 215  
“Numerical Semigroup Rings and Properties of Associated Graded Rings”  
4:30 P.M.

### Student Seminar on Operator Algebras

Thursday  
February 14 Mr. Stefanos Orfanos, Purdue University MATH 731  
“Exact  $C^*$ –algebras and Related Topics Chapter II”  
2:45 P.M. – 4:00 P.M.

### Algebraic Geometry Seminar

Thursday  
February 14 Professor Shreeram Abhyankar, Purdue University MATH 211  
“Resolution of Singularities”  
4:30 P.M.

### Computational and Applied Mathematics Seminar

Friday  
February 15 Dr. T.F. Walsh, Sandia National Laboratories REC 308  
“An Overview of Acoustic and Structural Acoustic Simulations at Sandia  
National Laboratories”  
3:30 P.M.

### Computational Finance Seminar

Friday  
February 15 Professor Jose Enrique Figueroa–Lopez, Purdue University BRNG 1238  
“TBA”  
2:30 P.M.

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