



**Department of Mathematics
Seminars and Colloquia**

April 13–17, 2009

Computational Finance Seminar

Monday
April 13 Professor Victor Goodman, Indiana University UNIV 201
“Implications of Parallel Shifts in the Yield Curve”
4:30 P.M.

Geometric Analysis Seminar

Monday
April 13 Professor Louis de Branges, Purdue University REC 116
“The Flow of Heat as a Proof of the Riemann Hypothesis”
4:30 P.M.

Student Commutative Algebra Seminar

Monday
April 13 Ms. Angela Kohlhass, University of Notre Dame REC 117
“The Core and the Adjoint of a Monomial Ideal in a Polynomial Ring”
4:30 P.M.

Operator Algebras Seminar

Tuesday
April 14 Mr. José Luis Lugo, Purdue University MATH 731
“A Non Associative Tensor Product II”
2:30 P.M.

Department of Mathematics Colloquium

Tuesday
April 14 Professor Ignacio Luengo, Universidad Complutense, Madrid, Spain MATH 175
“Rational Cuspidal Curves, Surface Singularities and Rational Homology Spheres”
4:30 P.M.

Reading Seminar - Minimal Model Program

Wednesday
April 15 Dr. Kyungyong Lee, Purdue University MATH 731
“Introduction to Flips”
1:30 P.M.

Commutative Algebra Seminar

Wednesday
April 15 Professor Giulio Caviglia, Purdue University MATH 211
“Poset Embeddings of Hilbert Functions”
4:30 P.M.

Joint PDE and Computational & Applied Math Seminar

Thursday
April 16 Professor Arnaud Debussche, Ecole Normale Supérieure de Cachan, France REC 317
“On the Stochastic Cahn–Hilliard Equation with Reflections”
3:30 P.M.

Student Topology/Geometry Seminar

Thursday
April 16 Mr. Peter Weigel, Purdue University REC 121
“Symmetric Spaces and Lie Groups”
4:30 P.M.

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