Department of Mathematics  
Seminars and Colloquia  
March 29–April 2, 2010

**Bridge to Research Seminar**

**Monday**  March 29  
Professor Kenji Matsuki, Purdue University  
“Birational Geometry; from Resolution to Classification”  
4:30 P.M.

**Operator Algebras Seminar**

**Tuesday**  March 30  
Mr. Jose Carrion, Purdue University  
“C*-algebras Associated to Discrete Heisenberg Groups”  
2:30 P.M.

**Department of Mathematics Colloquium**

**Tuesday**  March 30  
Professor Richard Melrose, MIT  
“Scattering and General Relativity”  
4:30 P.M.

**Computational Finance Seminar**

**Tuesday**  March 30  
Mr. Yanhui Mi, Purdue University  
“A Modified Stochastic Volatility Model Based on Ornstein–Uhlenbeck Process for Levy Process and Bayesian Analysis”  
5:30 P.M.

**Working Algebraic Geometry Seminar**

**Wednesday**  March 31  
Professor Laura Matusevich, Texas A&M University  
“Solving Linear Differential Equations Symbolically”  
3:30

**Automorphic Forms and Representation Theory Seminar**

**Thursday**  April 1  
Professor Bryden Cais, Mcgill University  
“Hida Families for GL_2 and (integral) p–adic Hodge Theory”  
1:30 P.M.

**Topology Seminar**

**Thursday**  April 1  
Mr. Ben Ward, Purdue University  
“The BV Structures and Modular Operads”  
3:30 P.M.

**Student Geometry & Topology Seminar**

**Thursday**  April 1  
Mr. Peter Weigel, Purdue University  
“Atiyah–Singer Index Theorem, Part 1”  
4:30 P.M.

**A Special Series of Lectures by Professor Moh**

**Friday**  April 2  
Professor T.T. Moh, Purdue University  
“TBA”  
10:30 A.M.
You can also view this information on our departmental web page:
http://calendar.science.purdue.edu/math/seminars