



Department of Mathematics
Seminars and Colloquia

March 9–13, 2009

Geometric Analysis Seminar

Monday Professor Yi-Jen Lee, Purdue University REC 116
March 9 “Periodic Floer Homology and Seiberg–Witten Floer Cohomology”
3:30 P.M.

Probability Seminar

Monday Matt Cecil, University of Connecticut REC 316
March 9 “An Introduction to the Taylor Map”
3:30 P.M.

Bridge to Research Seminar

Monday Dr. Prabhu Janakiraman, Purdue University Math Library
March 9 “Conjugate Functions and Superharmonic Majorants” Lounge
4:30 P.M.

Mathematics Education Seminar

Monday Professor Scott Baldrige, Louisiana State University MATH 211
March 9 “What is Singapore Math?”
4:30 P.M.

Department of Mathematics Colloquium

Tuesday Professor Scott Baldrige, LSU MATH 175
March 10 “Cube Knots and Knot Floer Homology from Cube Diagrams”
4:30 P.M.

Reading Seminar - Minimal Model Program

Wednesday Professor Donu Arapura, Purdue University MATH 731
March 11 “Pluricanonical Maps: From Bombieri to Hacon-McKernan”
1:30 P.M.

Working Algebraic Geometry Seminar

Wednesday Professor Saugata Basu, Purdue University MATH 731
March 11 “Polynomial Hierarchy, Betti Numbers, Semi-algebraic Sets, Toda’s Theorem”
3:30 P.M.

Operator Algebras Seminar

Thursday Professor Michael Jury, University of Florida BRNG B202
March 12 “Operator-valued Herglotz Kernels”
9:00 A.M.
NOTE: UNUSUAL TIME AND PLACE

Number Theory Seminar

Thursday Professor Alfred Noel, University of Massachusetts at Boston MATH 215
March 12 “Algorithmic and Theoretical Considerations for Computing Generators of
the Centralizer of K in $U(g)$ ”
4:30 P.M.

Student Topology/Geometry Seminar

Thursday March 12	Mr. Peter Weigel, Purdue University “Hessian of Energy Function at a Critical Path and Jacobi Fields” 4:30 P.M.	REC 121
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Computational and Applied Mathematics

Friday March 13	Professor Tien-Yien Li, Michigan State University “Solving Polynomial Systems by the Homotopy Continuation Method” 3:30 P.M.	REC 122
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You can also view this information on our departmental web page:
<http://calendar.science.purdue.edu/math/seminars>