



**Department of Mathematics
Seminars and Colloquia**

October 3–7, 2011

Geometric Analysis Seminar

Monday
October 3 Professor Margaret Doig, Indiana University MATH 731
"Heegaard Floer Homology and Knot Surgery"
3:30 P.M.

Student Commutative Algebra Seminar

Monday
October 3 Paolo Mantero, Purdue University MATH 215
"Some Properties of Stretched Ideals"
4:30 P.M.

Probability Seminar

Tuesday
October 4 José E. Figueroa-López, Purdue University REC 123
"Small-time Expansions for Local Jump-diffusions Models with Infinite Jump
Activity"
3:30 P.M.

Department of Mathematics Colloquium

Tuesday
October 4 Professor David Kerr, Texas A & M University MATH 175
"Entropy and Soficity"
4:30 P.M.

Function Theory Seminar

Wednesday
October 5 Matthew Barrett, Purdue University MATH 731
"Generalization of a Theorem of Clunie and Hayman"
1:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
October 5 Professor Cordian Riener, Universitat Konstanz MATH 731
"Nonnegativity of Symmetric Polynomials"
3:30 P.M.

Student Colloquium

Wednesday
October 5 Robert Bridges, Purdue University REC 108
"An Exciting and Fun Introduction to Composition Operators"
4:30 P.M.

Number Theory Seminar

Thursday
October 6 Professor Edray Goins, Purdue University MATH 215
"The Control Theorem, Part III"
3:30 P.M.

Topology Seminar

Thursday
October 6 Justin Young, Indiana University MATH 731
"Brace Bar-Cobar Duality"
3:30 P.M.

Algebra and Algebraic Geometry Seminar

Thursday Professor Avinash Sathaye, University of Kentucky MATH 211
October 6 "Multiplicity Sequences for QDT, cont."
4:30 P.M.

 A_∞ Seminar

Friday Mr. Urs Fuchs, Purdue University MATH 211
October 7 "(Co)bar Constructions and Sign Issues"
9:30 A.M.

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