

PURDUE

UNIVERSITY

Department of Mathematics Seminars and Colloquia

December 3-7, 2007

Geometric Analysis Seminar

Monday
December 3 Professor László Lempert University MATH 731
“Holomorphic Functions on l^∞ , after Dineen”
3:30 P.M.

Department of Mathematics Special Seminar

Monday
December 3 Dr. Soumik Pal, Cornell University BRNG 2275
“Brownian Motions Interacting Through Ranks and a Phase Transition Phenomenon”
4:30 P.M.

Student Commutative Algebra Seminar

Monday
December 3 Ms. Kuei-Nuan Lin, Purdue University MATH 215
“The Cohen-Macaulayness of Rees Algebras of Modules”
4:30 P.M.

Student Seminar on Algebraic Geometry

Monday
December 3 Mr. Hui Gao, Purdue University REC 103
“Divisors, Sec 6, Chap 2 of Hartshorne’s”
4:30-6:00 P.M.

Department of Mathematics Colloquium

Tuesday
December 4 Professor Sergei Starchenko, University of Notre Dame MATH 175
“Tame Topology and Complex Analytic Geometry”
4:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
December 5 Professor Suresh Nayak, Chennai Mathematical Institute, visiting Purdue REC 116
University
“Invariants of Matrices under Simultaneous Left-right Action”
3:30 P.M.

Commutative Algebra Seminar

Wednesday
December 5 Professor Clarence Wilkerson, Purdue University MATH 215
“Toric Varieties, Stanley-Reisner Rings, and Homotopy Groups”
4:40 P.M.

Automorphic Forms & Representation Theory Seminar

Thursday
December 6 Professor Luis Lomeli, University of Iowa MATH 731
“The Image of Functoriality for the Classical Groups over Function Fields”
1:30 P.M.

Topology Seminar

Thursday
December 6 Professor Mike Mandell, Indiana University MATH 211
“TBA”
3:30 P.M.

Department of Mathematics Special Colloquium

Friday
December 7 Dr. Luis Silvestre, Courant Institute BRNG 1245
“Fully Nonlinear Integro-differential Equations”
4:30 P.M.

Computational & Applied Mathematics Seminar

Friday
December 7 Professor Roy Choudhury, University of Central Florida REC 315
“Spatiotemporal Structure of Pulsating Solitons in the Cubic-Quintic Ginzburg-
Landau Equation: A Novel Variational Formulation”
3:30 P.M.

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