

PURDUE

UNIVERSITY

Department of Mathematics Seminars and Colloquia

October 15-19, 2007

Geometric Analysis Seminar

Monday
October 15 Professor Adrian Jenkins, Purdue University MATH 731
"A Survey of Results in Local Dynamics"
3:30 P.M.

Probability Seminar

Monday
October 15 Noah Dean, Purdue University REC 226
"Recurrence and Transience of Some Vertex Reinforced Random Walks"
3:30 P.M.

Bridge to Research Seminar

Monday
October 15 Professor László Lempert, Purdue University REC 121
"An Invitation to Complex Analysis"
4:30-5:20 P.M.

Student Seminar on Algebraic Geometry

Monday
October 15 Mr. Paolo Mantero, Purdue University BRNG B254
"Sheaves and Schemes, Section 1 & 2, Chapter 2 of Hartshorne's, Nonsingular
Curves"
4:30-6:00 P.M.

Automorphic Forms & Representation Theory Seminar

Tuesday
October 16 Professor Dorian Goldfeld, Columbia University BRNG B248
"The Voronoi Summation Formula for $GL(n)$ "
1:30 P.M.
(Note special time and place)

Operator Algebras Seminar

Tuesday
October 16 Professor Larry Brown, Purdue University MATH 731
"Non-stable K -theory, IV"
2:45 P.M.

Department of Mathematics Colloquium

Tuesday
October 16 Professor Dorian Goldfeld, Columbia University MATH 175
"Multiple Dirichlet Series"
4:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
October 17 Professor Peter Petrov, Purdue University REC 116
"Nash Problem on Arc Spaces, II"
3:30 P.M.

Topology Seminar

Thursday
October 18 Professor Ben Walter, Purdue University MATH 211
"Lie Coalgebras of Graphs and Rational Homotopy Theory"
3:30 P.M.

PDE Seminar

Thursday
October 18 Professor Donatella Danielli, Purdue University REC 317
 “Minimal Surfaces in the Heisenberg Group”
 3:30 P.M.

Computational & Applied Mathematics Seminar

Friday
October 19 Professor Weizhu Bao, National Singapore University REC 315
 “The Dynamics and Interaction of Quantized Vortices in Ginzburg-Landau-
 Schroedinger Equation”
 3:30 P.M.

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