Department of Mathematics
Seminars and Colloquia
March 19–March 23, 2007

Mathematical Biology Seminar
Monday March 19
Professor Wenzhang Huang, University of Alabama
“Traveling Waves for the Model of Microbial Growth and Competition in a Flow Reactor”
2:30 P.M.

Probability Seminar
Monday March 19
Professor Bartek Dyda, Wroclaw University of Technology
“On Hardy Inequalities”
3:30 P.M.

Geometric Analysis Seminar
Monday March 19
Professor Sai Kee Yeung, Purdue University
“On Geometry of Domains with Uniform Squeezing Properties”
4:30 P.M.

Function Theory Seminar Seminar
Tuesday March 20
Professor Tuen Wai (Patrick) Ng, University of Hong Kong
“Smale’s Mean Value Conjecture for Polynomials of Small Degrees”
2:30 P.M.

Department of Mathematics Colloquium
Tuesday March 20
Professor Avner Friedman, Ohio State University
“Multiscale Models of Tumors”
4:30 P.M.

Student Analysis Seminar for MA 545 – All graduate students are welcome (no faculty)
Wednesday March 21
Mr. Raphael Hora, Purdue University
“On A Theorem of Stein and Stromberg in $R^n$, for Large $n$”
9:30 A.M.

Foundations of Analysis Seminar
Thursday March 22
Professor Louis de Branges, Purdue University
“Measure Problem”
9:30 A.M.

Automorphic Forms and Representation Theory Seminar
Thursday March 22
Professor Wentang Kuo, University of Waterloo
“Erdős–Pomerance’s Conjecture for the Carlitz Module”
1:30 P.M.

Operator Algebras Seminar
Thursday March 22
Mr. Deniz Yildirim, Purdue University
“The Pimsner $C^*$–algebra Part 3”
2:30 P.M.
Number Theory Seminar
Thursday March 22
Professor Lloyd Kilford, Merton College, Oxford
“A Jacquet–Langlands Correspondence in Weight 1”
3:30 P.M. MATH 731

PDE Seminar
Thursday March 22
Professor Michel E. Jabbour, University of Kentucky
“On the Onset of Step–Bunching Instabilities During the Epitaxy of Single–Species Crystalline Films”
3:30 P.M. UNIV 217

PDE Seminar
Thursday March 22
Professor David Chopp, Northwestern University
“Exploring Geometric Flows Through Computation”
4:30 P.M. UNIV 217

CCAM Seminar Series: Mathematics and Numerics of Fluid Dynamics
Friday March 23
Professor Greg Forest, University of North Carolina
“High Performance Macromolecular Materials”
3:30 P.M. UNIV 103

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