



**Department of Mathematics
Seminars and Colloquia**

April 2–April 6, 2007

Probability Seminar

Monday
April 2 Professor Jessica Zuñiga, Cornell University REC 103
“Convergence of Some Time Inhomogeneous Markov Chains via Spectral
Techniques”
3:30 P.M.

Function Theory Seminar

Tuesday
April 3 Professor Tuen Wai (Patrick) Ng, University of Hong Kong BRNG 2280
“Smale’s Mean Value Conjecture and the Amoebas”
2:30 P.M.

Department of Mathematics Colloquium

Tuesday
April 3 Professor Luc Illusie, Paris and IAS MATH 175
“On Gabber’s Finiteness Theorem in étale Cohomology”
4:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
April 4 Professor Donu Arapura, Purdue University REC 314
“From Hodge Structures to Mixed Hodge Modules ”
3:30 P.M.

Special Computational & Applied Mathematics Seminar

Wednesday
April 4 Professor Randy Bank, University of California at San Diego HAAS 111
“Parallel Adaptive Methods and Domain Decomposition”
4:00 P.M.

Automorphic Forms and Representation Theory Seminar

Thursday
April 5 Professor Mark McKee, Purdue University MATH 731
“Estimates for Analytic Eisenstein Series and Whittaker Functions”
1:30 P.M.

Operator Algebras Seminar

Thursday
April 5 Mr. Hyun Ho Lee, Purdue University MATH 731
“Representations of Cuntz Algebras and Wavelets”
2:30 P.M.

PDE Seminar

Thursday
April 5 Professor Robert Jerrard, University of Toronto UNIV 217
“Gamma–Convergence and Saddle Points”
3:30 P.M.

CCAM Visiting Scientists Seminar

Friday
April 6 Professor Jerry Bona, University of Illinois at Chicago UNIV 103
“Applications of Water Wave Theory to Issues Arising in Oceanography”
3:30 P.M.

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