



Department of Mathematics
Seminars and Colloquia

November 13–17, 2006

Probability Seminar

Monday
November 13
Professor Richard Sowers, University of Illinois, Urbana
“Random Ducks”
3:30 P.M. REC 103

Bridge to Research Seminar

Monday
November 13
Professor Zhiqiang Cai, Purdue University
“Computational Methods for Partial Differential Equations and Systems”
4:30 P.M.–5:20 P.M. MATH 304

Graduate Students Commutative Algebra Seminar

Monday
November 13
Ms. Melissa Kraus, Purdue University
“Consecutive Cancellations in Betti Numbers”
4:30 P.M. MATH 215

Operator Algebras Seminar

Tuesday
November 14
Mr. Stefanos Orfanos, Purdue University
“Quasi-diagonality of Certain Crossed-products”
2:30 P.M.–3:20 P.M. MATH 731

Tea Time Seminar on Applied Analysis

Tuesday
November 14
Professor Phuc Cong Nguyen, Purdue University
“Regularity of the Domain: Geometric and Analytic Points of View (cont.)”
3:00 P.M.–4:15 P.M. MATH 215

Department of Mathematics Colloquium

Tuesday
November 14
Professor Gunther Uhlmann, UW-Seattle
“Invisibility for Electromagnetic Waves via Singular Riemannian Metrics”
4:30 P.M. MATH 175

CCAM Visiting Scientist Seminar Series: Analysis and Computation of Materials

Wednesday
November 15
Professor Qi Wang, Florida State University
“Solution of the Smoluchowski Equation for Nematic Suspensions Driven by External Fields”
3:30–4:30 P.M. UNIV 317

Working Algebraic Geometry Seminar

Wednesday
November 15
TBA
“Fourier Transform for Abelian Varieties and Chow Groups”
3:30 P.M. MATH 731

Commutative Algebra Seminar

Wednesday
November 15
Dr. Jean Chan, Purdue University and University of Arkansas
“On the Hoskin-Deligne Formula”
4:40 P.M.–5:30 P.M. MATH 211

Foundations of Analysis Seminar

Thursday November 16	Professor Louis de Branges, Purdue University “Measure Problem” 9:30 A.M.	MATH 731
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Number Theory Seminar

Thursday November 16	Jennifer Johnson-Leung, Brandeis University “The Equivariant Main Conjecture of Iwasawa Theory for Imaginary Quadratic Fields” 3:30 P.M.-4:30 P.M.	MATH 731
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Mathematical Biology Seminar

Friday November 17	Professor Horst Thieme, ASU “Apparent Paradoxes in Disease Models with Horizontal and Vertical Transmission” 12:20 P.M.	UNIV 103
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Computational & Applied Mathematics Seminar

Friday November 17	Professor Maxim Zyskin, University of Bristol, UK “Nematic Liquid Crystals and Harmonic Maps on Polyhedra” 3:30 P.M.	REC 315
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You can also view this information on our departmental web page:
<http://calendar.science.purdue.edu/math/seminars>