

PURDUE

UNIVERSITY

Department of Mathematics Seminars and Colloquia

November 27–December 1, 2006

Geometric Analysis Seminar

Monday
November 27 Professor Greg Buzzard, Purdue University MATH 731
“Structure of Holomorphic Stable Manifolds”
3:30 P.M.

Bridge to Research Seminar

Monday
November 27 Professor Maarten de Hoop, Purdue University MATH 304
“Computational and Applied Microlocal Analysis: Imaging the Earth Interior”
4:30 P.M.–5:20 P.M.

Function Theory Seminar

Tuesday
November 28 Professor Vladimír Eiderman, Moscow State University of Civil Engineering REC 313
“Cartan-type Estimates for the Cauchy Potential”
1:30 P.M.

Operator Algebras Seminar

Tuesday
November 28 Professor Andrew Toms, York University MATH 731
“Regularity Properties in the Classification Program for Nuclear C^* -algebras”
2:30 P.M.–3:20 P.M.

Department of Mathematics Colloquium

Tuesday
November 28 Professor Kevin Costello, Northwestern University MATH 175
“An Algebraic Characterization of Segal’s Category of Moduli Spaces of Surfaces”
4:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
November 29 Professor Joseph Lipman, Purdue University MATH 731
“(Quasi-)perfect Scheme-maps, Perfect Complexes, and Bounded Functors”
3:30 P.M.

Foundations of Analysis Seminar

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

Automorphic Forms & Representation Theory Seminar

Thursday
November 30 Mr. Luis Alberto Lomeli, Purdue University REC 121
“Functoriality for the Classical Groups over Function Fields”
1:30 P.M.

CCAM Visiting Scientist Series: Fall 2006 Theme “Analysis and Computation of Materials”

Thursday
November 30 Professor Peter Sternberg, Indiana University UNIV 317
“Two Problems Arising in the Modeling of Thin Superconducting Wires”
3:30 P.M.–4:30 P.M.

Number Theory Seminar

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| Thursday November 30 | Professor David Whitehouse, Institute for Advanced Study “On the Weighted Fundamental Lemma for Twisted Endoscopy of $GL(n)$ ” 3:30-4:30 P.M. | MATH 731 |
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Computational & Applied Mathematics Seminar

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| Friday December 1 | Professor Jing Shi, University of North Carolina at Charlotte “Multidimensional Quantum Tunneling: Direct Instanton Calculation with Application to Polyatomic Molecules” 3:30 P.M. | REC 315 |
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PDE Seminar

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| Friday December 1 | Professor Bill Ziemer, Indiana University “The Gauss Green Theorem for Weakly Differentiable Vector Fields” 4:30 P.M. | UNIV 101 |
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You can also view this information on our departmental web page:
<http://calendar.science.purdue.edu/math/seminars>