

PURDUE

UNIVERSITY

Department of Mathematics Seminars and Colloquia

October 2–October 6, 2006

Geometric Analysis Seminar

Monday
October 2 Prof. Ning Zhang, Syracuse University MATH 731
“The Picard Group of the Loop Space of the Riemann Sphere”
3:30 P.M.

Bridge to Research Seminar

Monday
October 2 Dr. Nicola Garofalo, Purdue University MATH 304
“An Interplay Between Analysis and Geometry: The Soap Bubble Theorem
of A.D. Alexandrov”
4:30 P.M.

Operator Algebras

Tuesday
October 3 Mr. Hyun Ho Lee, Purdue University MATH 731
“Completely Positive Maps and Extremal K -set”
2:30 P.M.–3:20 P.M.

Tea Time Seminar on Applied Analysis

Tuesday
October 3 Professor Nghiem Nguyen, Purdue University MATH 215
“An Application of Degree Theory in Nonlinear Wave Equations”
3:00–4:15 P.M.

RAGE Seminar

Tuesday
October 3 Mr. Navin Dasigi, Purdue University BRNG 1260
“Stacks, Descent, and Hilbert Schemes”
3:30 P.M.

Workshop Seminar

Tuesday
October 3 R. Saerens, Purdue University UNIV 001
“How to Apply for (Academic) Jobs - Part 2”
5:30 P.M.–7:00 P.M.

Function Theory Seminar

Wednesday
October 4 Professor Geir A. Hjelle, Trondheim, Norway MATH 731
“Approximating the Modulus of an Inner Function”
2:30 P.M.
NOTE: Unusual Day and Time

Working Algebraic Geometry

Wednesday
October 4 Dr. Jinhyun Park, Purdue University MATH 731
“Introduction to Higher Chow Groups”
3:30 P.M.

Commutative Algebra Seminar

Wednesday
October 4 Javid Validashti, Purdue University MATH 211
“A Criterion for Integral Dependence of Modules”
4:40 P.M.–5:30 P.M.

Foundations of Analysis Seminar

Thursday
October 5
Professor Louis de Branges, Purdue University
“Measure Problem”
9:30 A.M. MATH 731

Automorphic Forms and Representation Theory Seminar

Thursday
October 5
Professor Freydoon Shahidi, Purdue University
“Endoscopy and Representation Theory of p -adic Groups”
1:30 P.M. REC 121

PDE Seminar

Thursday
October 5
Professor Arshak Petrosyan, Purdue University
“A Class of Two-phase From Boundary Problems in the Plane”
3:30 P.M. CL50 125

Topology Seminar

Thursday
October 5
Professor Scott Wilson, University of Minnesota
“Partially Defined Algebraic Structures”
3:30 P.M. MATH 215

Extra Topology Seminar

Thursday
October 5
Professor Greg Friedman, Texas Christian University
“A Gentle Introduction to Intersection Homology”
4:30 P.M. MATH 215

Computational & Applied Mathematics Seminar

Friday
October 6
Professor Wei Cai, University of North Carolina at Charlotte
“Two New Numerical Algorithms in Computational Electromagnetics”
3:30 P.M. REC 315

RAGE Seminar

Friday
October 6
Mr. Darren Tapp, Purdue University
“Stacks, Descent, and Hilbert Schemes”
3:30 P.M. BRNG 1260

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