

# PURDUE

UNIVERSITY

## Department of Mathematics Seminars and Colloquia

September 15–19, 2008

### Geometric Analysis Seminar

Monday  
September 15  
Professor Jae-Seong Cho, Purdue University  
“Sharp Subelliptic Estimates on Regular Coordinate Domains”  
4:30 P.M. REC 114

### Bridge to Research Seminar

Tuesday  
September 16  
Professor Walther, Purdue University  
“What is Local Cohomology Good For”  
4:30 P.M. REC 116

### Student Commutative Algebra Seminar

Monday  
September 15  
Dr. Manoj Kummini, Purdue University  
“Sheaf Cohomology of Projective Varieties and Vector Bundles”  
4:30 P.M. MATH 215

### Operator Algebras Seminar

Tuesday  
September 16  
Professor Marius Dadarlat, Purdue University  
“Recent Advances in the Classification Theory of Nuclear  $C^*$ -algebras”  
2:40–3:30 P.M. MATH 731  
NOTE: UNUSUAL TIME

### Function Theory Seminar

Wednesday  
September 17  
Professor A. Eremenko, Purdue University  
“Meromorphic Functions with Linearly Distributed Values and Julia Sets of Rational Functions”  
1:30 P.M. REC 116

### Commutative Algebra Seminar

Wednesday  
September 17  
Lance Bryant, Purdue University  
“Goto Numbers of Numerical Semigroup Rings”  
4:30 P.M. MATH 211

### Automorphic Forms and Representation Theory Seminar

Thursday  
September 18  
Professor Shuichiro Takeda, Purdue University  
“On the Non-Vanishing Problem of Theta Lifts (continued)”  
1:30 P.M. MATH 731

### Topology Seminar

Thursday  
September 18  
Professor Ben Walter, Purdue University  
“Cooperads and Coalgebras, or What is a Cofree Coalgebra? Part 2”  
3:30 P.M. REC 117

### Algebraic Geometry Seminar

Thursday  
September 18  
Professor Shreeram Abhyankar, Purdue University  
“Polynomial maps  $\mathbb{C}^2 \rightarrow \mathbb{C}^1$  and Jacobian Problem Part II”  
4:30 P.M. MATH 215

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