## Department of Mathematics
### Seminars and Colloquia
#### August 29-September 2, 2011

### Geometric Analysis Seminar
- **Monday, August 29**
  - Sivaguru Ravisankar, Ohio State University
  - “Lipschitz Properties of Harmonic and Holomorphic Functions”
  - 3:30 P.M.  
  - **MATH 731**

### Bridge to Research Seminar
- **Monday, August 29**
  - Professor Ben McReynolds, Purdue University
  - “General Nonsense and Divisibility Functions”
  - 4:30 P.M.  
  - **UNIV 119**

### Operator Algebras Seminar
- **Tuesday, August 30**
  - Mr. Jose Carrion, Purdue University
  - “The Exel-Loring Formula for Surface Groups”
  - 2:30 P.M.  
  - **MATH 731**

### Probability Seminar
- **Tuesday, August 30**
  - Jon Peterson, Purdue University
  - “The Contact Process on the Complete Graph with Random, Vertex-dependent, Infection Rates”
  - 3:30 P.M.  
  - **REC 123**

### Department of Mathematics Colloquium
- **Tuesday, August 30**
  - Professor Avinash Sathaye, University of Kentucky
  - “A Curious Question on Field Extensions”
  - 4:30 P.M.  
  - **MATH 175**

### Automorphic Forms and Representation Theory
- **Thursday, September 1**
  - Professor David Goldberg, Purdue University
  - “R–groups and dual R–groups for GSpin”
  - 1:30 P.M.  
  - **MATH 215**

### Geometric Analysis Seminar
- **Thursday, September 1**
  - Professor John D’Angelo, University of Illinois at Urbana-Champaign, UIUC
  - “Positivity Conditions and CR Geometry”
  - 3:30 P.M.  
  - **REC 117**

### Number Theory Seminar
- **Thursday, September 1**
  - Professor Edray Goins, Purdue University
  - “An Introduction to Iwasawa Theory for Elliptic Curves, II”
  - 3:30 P.M.  
  - **MATH 215**

### Algebra and Algebraic Geometry Seminar
- **Thursday, September 1**
  - Professor Avinash Sathaye, University of Kentucky
  - “Using the Gauss Lemma”
  - 4:30 P.M.  
  - **MATH 211**
Computational and Applied Mathematics Seminar

Friday  
September 2  
Sebastian Schreiber, University of California at Davis  
“Species Coexistence and Metapopulation Persistence in Stochastic Environments”  
3:30 P.M.  
REC 307

Commutative Algebra Seminar

Friday  
September 2  
Dr. Kuei-Nuan Lin, University of California Riverside  
“Defining Ideals of Rees Algebras as Divisors”  
4:30 P.M.  
NOTE: Unusual Day  
MATH 215

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