

# PURDUE

UNIVERSITY

## Department of Mathematics Seminars and Colloquia

November 1-5, 2010

### Geometric Analysis Seminar

Monday  
November 1 Professor Al Momin, Purdue University REC 117  
“ ‘Implied Existence’ of Periodic Orbits for Reeb Vector Fields  
in Dimension 3”  
3:30 P.M.

### Student Commutative Algebra Reading Seminar

Monday  
November 1 Youngsu Kim, Purdue University MATH 211  
“Reading Ideals Varieties and Algorithms by Cox, Little & O’Shea, 3. Elimination  
Theory (Section 3.5)”  
4:30 P.M.

### Commutative Algebra Reading Seminar

Tuesday  
November 2 Professor Manoj Kummini, Purdue University MATH 731  
“Liftings”  
10:30 A.M.

### Operator Algebras Seminar

Tuesday  
November 2 Professor Marius Dădărlat, Purdue University MATH 731  
“Deformations of Group  $C^*$ -algebras, III”  
2:30 P.M.

### Seminar on Perverse Sheaves

Tuesday  
November 2 Professor Donu Arapura, Purdue University UNIV 001  
“Perverse Sheaves: Definition and Examples”  
3:00 P.M.

### Probability Seminar

Tuesday  
November 2 Professor Anirban DasGupta, Purdue University REC 122  
“Metrics on Probabilities and How They are Useful”  
3:30 P.M.

### Department of Mathematics Colloquium

Tuesday  
November 2 Professor Abdallah Assi, Penn State University MATH 175  
“The Embedding Conjecture for Quasi-ordinary Polynomials”  
4:30 P.M.

### Math Club Seminar

Tuesday  
November 2 Professor David Drasin, Purdue University REC 108  
“How to Look at a Power Series”  
6:00 P.M.

### Department of Mathematics Colloquium

Wednesday  
November 3 Professor János Kollár, Princeton University BRNG 2290  
“Continuous Linear Combinations of Polynomials”  
4:30 P.M.

**Automorphic Forms and Representation Theory Seminar**

Thursday November 4	Professor Tong Liu, Purdue University “The Correspondence Between $p$ -divisible Group and Kisin Modules” 1:30 P.M.	BRNG 1242
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**PDE Seminar**

Thursday November 4	Professor Min Chen, Purdue University “Study of Nonlocal Viscous Dispersive Terms” 3:30 P.M.	REC 108
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**Algebra and Algebraic Geometry Seminar**

Thursday November 4	Professor Abdallah Assi, University of Angers, France “Irreducibility Criterion for Quasi-ordinary Polynomials” 4:30-5:45 P.M.	MATH 211
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**Computational and Applied Mathematics Seminar**

Friday November 5	Professor Michael Stewart, Georgia State University “Stable Solution of Quasiseparable Systems” 3:30 P.M.	REC 308
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You can also view this information on our departmental web page:  
<http://calendar.science.purdue.edu/math/seminars>