



**Department of Mathematics
Seminars and Colloquia**

October 5-9, 2009

Geometric Analysis Seminar

Monday
October 5 Professor Al Momin, Purdue University MATH 215
"Contact Homology and Knot Complements"
3:30 P.M.

Student Commutative Algebra Seminar

Monday
October 5 Ms. Kuei-Nuan Lin, Purdue University MATH 215
"Rees Algebras of Diagonal Ideals"
4:30 P.M.

Syzygies Reading Seminar

Tuesday
October 6 Professor Manoj Kummini, Purdue University BRNG 1206
"Rational Singularities"
3:30 P.M.

Department of Mathematics Colloquium

Tuesday
October 6 Professor Jacek Brodski, University of Southampton, UK MATH 175
"Why Can't Metric Spaces be More Like Groups"
4:30 P.M.

MMP Reading Seminar

Wednesday
October 7 Professor Kenji Matsuki, Purdue University MATH 731
"MMP with Scaling, continued"
2:30 P.M.

Working Algebraic Geometry Seminar

Wednesday
October 7 Professor Dave Anderson, University of Washington MATH 731
"Arc Spaces and Equivariant Cohomology"
3:30 P.M.

Commutative Algebra Seminar

Wednesday
October 7 Professor Hal Schenck, University of Illinois at Urbana-Champaign MATH 215
"Toric Specializations of the Rees Algebra of Koszul Cycles"
4:30 P.M.

Student Topology Seminar

Thursday
October 8 Mr. Botong Wang, Purdue University MATH 731
"Eilenberg-MacLane Spaces and Representability of Cohomology"
12:30 P.M.

Student Algebraic Geometry Seminar

Thursday
October 8 Mr. Lloyd West, Purdue University BRNG 1202
"Introduction to Geometric Invariant Theory II"
4:30 P.M.

Topology Seminar

Thursday
October 8 Professor Javier Zuniga, Purdue University MATH 211
 “Bordered Ribbon Graphs”
 4:30 P.M.

Computational and Applied Mathematics Seminar

Friday
October 9 Professor Andrew Christlieb, Michigan State University REC 303
 “Parallel Time Integration Strategies Based on Defect Correction”
 3:30 P.M.

Symplectic Geometry & Topology Seminar

Friday
October 9 Professor Mark McLean, MIT REC 103
 “Exotic Symplectic Manifolds”
 3:30 P.M.

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