Department of Mathematics
Seminars and Colloquia

October 5-9, 2009

Geometric Analysis Seminar
Monday October 5
Professor Al Momin, Purdue University
“Contact Homology and Knot Complements”
3:30 P.M.
MATH 215

Student Commutative Algebra Seminar
Monday October 5
Ms. Kuei-Nuan Lin, Purdue University
“Rees Algebras of Diagonal Ideals”
4:30 P.M.
MATH 215

Syzygies Reading Seminar
Tuesday October 6
Professor Manoj Kummini, Purdue University
“Rational Singularities”
3:30 P.M.
BRNG 1206

Department of Mathematics Colloquium
Tuesday October 6
Professor Jacek Brodski, University of Southampton, UK
“Why Can’t Metric Spaces be More Like Groups”
4:30 P.M.
MATH 175

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

Working Algebraic Geometry Seminar
Wednesday October 7
Professor Dave Anderson, University of Washington
“Arc Spaces and Equivariant Cohomology”
3:30 P.M.
MATH 731

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

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

Student Algebraic Geometry Seminar
Thursday October 8
Mr. Lloyd West, Purdue University
“Introduction to Geometric Invariant Theory II”
4:30 P.M.
BRNG 1202
**Topology Seminar**

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<th>Day</th>
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<th>Topic</th>
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<tr>
<td>Thursday</td>
<td>Professor Javier Zuniga, Purdue University</td>
<td>“Bordered Ribbon Graphs”</td>
<td>MATH 211</td>
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<td>October 8</td>
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**Computational and Applied Mathematics Seminar**

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<tr>
<td>Friday</td>
<td>Professor Andrew Christlieb, Michigan State University</td>
<td>“Parallel Time Integration Strategies Based on Defect Correction”</td>
<td>REC 303</td>
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<td>October 9</td>
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**Symplectic Geometry & Topology Seminar**

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<tr>
<td>Friday</td>
<td>Professor Mark McLean, MIT</td>
<td>“Exotic Symplectic Manifolds”</td>
<td>REC 103</td>
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<td>October 9</td>
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<td>3:30 P.M.</td>
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You can also view this information on our departmental web page:
http://calendar.science.purdue.edu/math/seminars