Special Department of Mathematics Colloquium

Monday
November 30
Professor Gunther Uhlmann, University of Washington at Seattle
“The Mathematics of Cloaking”
4:30 P.M.

LWSN 1142

Probability Seminar

Tuesday
December 1
Professor Aaron Yip, Purdue University
“Some Questions Concerning Interface Propagation in Inhomogeneous and Random Media”
10:30 A.M.

REC 307

Operator Algebras Seminar

Tuesday
December 1
Professor Sivaram K. Narayan, Central Michigan University
“Commutator of Composition Operators on the Hardy Space”
2:30 P.M.

MATH 731

Syzygies Reading Seminar

Tuesday
December 1
Professor Manoj Kummini, Purdue University
“Lascoux Resolution”
3:30 P.M.

BRNG 1206

Department of Mathematics Colloquium

Tuesday
December 1
Professor Patrick Speissegger, McMaster University
“O-minimal Transition Maps and Roussarie’s Finite Cyclicity Conjecture”
4:30 P.M.

MATH 175

Elliptic Curves Seminar

Tuesday
December 1
Kevin Mugo, Purdue University
“l-adic Galois Representations”
4:30 P.M.

MATH 731

Function Theory Seminar

Wednesday
December 2
Professor Guang Yuan Zhang, Tsinghua University and City University of New York
“The Best Bound for the Area–length Ratio in Ahlfors Covering Surface Theory”
1:30 P.M.

MATH 215

Commutative Algebra Seminar

Wednesday
December 2
Professor Kyungyong Lee, Purdue University
“Algebra and Combinatorics of Symbolic Powers of Diagonal Ideals”
4:30 P.M.

MATH 215

Student Topology/Geometry Seminar

Thursday
December 3
Mr. Ben Ward, Purdue University
“Rational Homotopy Theory and Homotopy Theory of DGAs”
12:30 P.M.

MATH 731
## Automorphic Forms and Representation Theory Seminar

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Speaker &amp; Affiliation</th>
<th>Location</th>
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<tbody>
<tr>
<td>Thursday</td>
<td>1:30 P.M.</td>
<td>Professor Edray Goins, Purdue University</td>
<td>BRNG B206</td>
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<tr>
<td>December 3</td>
<td></td>
<td>“Introduction to the Sato–Tate Conjecture (Part II)”</td>
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## Introduction to Schemes Seminar

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<thead>
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<th>Time</th>
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<tbody>
<tr>
<td>Thursday</td>
<td>4:30 P.M.</td>
<td>Professor Edray Goins, Purdue University</td>
<td>MATH 731</td>
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<tr>
<td>December 3</td>
<td></td>
<td>“Schemes: The Gluing Construction”</td>
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## Topology Seminar

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<th>Time</th>
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<th>Location</th>
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<tbody>
<tr>
<td>Thursday</td>
<td>4:30 P.M.</td>
<td>Professor John Klein, Wayne State University</td>
<td>MATH 211</td>
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<tr>
<td>December 3</td>
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<td>“Periodicity and Duality”</td>
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You can also view this information on our departmental web page: http://calendar.science.purdue.edu/math/seminars