



**Department of Mathematics  
Seminars and Colloquia**

**December 12–16, 2011**

**Special Colloquium**

Monday December 12	Dr. Zindoga Mukandavire, University of Florida “Using Mathematical Models to Understand Disease Transmission and Interventions: Cholera in Zimbabwe and Haiti” 10:30 A.M.	REC 114
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**Department of Mathematics Colloquium**

Tuesday December 13	Professor Richard Pollack, Courant Institute, NYU “Double Permutation Sequences and Arrangements of Planar Families of Convex Sets” 4:30 P.M.	BRNG 1245
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**Special Colloquium**

Wednesday December 14	Dr. Jianfeng Lu, Courant Institute, NYU “Efficient Algorithm for Electronic Structure Calculations” 4:30 P.M.	REC 114
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You can also view this information on our departmental web page:  
<http://calendar.science.purdue.edu/math/seminars>