



**Department of Mathematics
Seminars and Colloquia**

February 8–12, 2010

Geometric Analysis Seminar

Monday
February 8
Professor László Lempert, Purdue University
“Adapted Kähler Structures”
3:30 P.M. MATH 215

Bridge to Research Seminar

Monday
February 8
Mr. Salvador Barone, Purdue University
“Interactive LaTeX Workshop”
4:30 P.M. REC 225

Student Numerical Analysis Seminar

Tuesday
February 9
Shuhao Cao, Purdue University
“An Overview of Finite Element Analysis”
3:00 P.M. BRNG 1206

Introduction to Schemes Seminar

Tuesday
February 9
Kevin Mugo, Purdue University
“Review of Projective Schemes”
3:30 P.M. MATH 731

Computational Finance Seminar

Tuesday
February 9
Professor Arun Chockalingam, Purdue University
“Moving-Boundary Approaches for American Security Valuation”
5:30 P.M. REC 121

Working Algebraic Geometry Seminar

Wednesday
February 10
Professor Peter Petrov, Purdue University
“On The Geometry of Jet Spaces”
3:30 P.M. MATH 731

Number Theory Seminar

Thursday
February 11
Jeremy Fuller, Purdue University
“Traces, Norms, and Discriminants, using SAGE”
2:30 P.M. BRNG B238

Topology Seminar

Thursday
February 11
Professor James McClure, Purdue University
“Cyclic Sets (d’après Drinfeld)”
3:30 P.M. REC 303

Student Geometry & Topology Seminar

Thursday
February 11
Mr. Peter Weigel, Purdue University
“Thom Spaces and Cobordism”
4:30 P.M. MATH 731

Computational and Applied Mathematics Seminar

Friday
February 12

Professor Juan Lopez, Arizona State University
“Onset of Koppers–Lortz-like Dynamics in Finite Rotating Thermal Convection”
3:30 P.M.

REC 123

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