

**25th ANNUAL MATHEMATICS/APPLIED MATHEMATICS
RECRUITMENT WORKSHOP
Current Ideas in the Mathematical Sciences**

SEMINAR SCHEDULE

March 7-8, 2011

All Events will be held in the Math Building, Room 401N

Monday, March 7th

- 8:55 a.m. Welcome
Michael Tabor, Head, Program in Applied Mathematics
Tom Kennedy, Associate Head for the Graduate Program, Department of Mathematics
- 9:00 – 9:25 a.m. **Jan Wehr**, Faculty, Department of Mathematics
"Explosions, noise, steady states: an informal introduction to stochastic differential equations"
- 9:30 – 9:55 a.m. **Suz Tolwinski-Ward**, Graduate Student, Program in Applied Mathematics
"Improving statistical reconstructions of climate with process-based models of tree-ring growth"
- 10:00 – 10:30 a.m. Break
- 10:30 – 10:55 a.m. **Don Wang**, Faculty, Department of Mathematics
"Dynamical Systems: A Brief Introduction"
- 11:00 – 11:25 a.m. **David Savitt**, Faculty, Department of Mathematics
"Galois representations"
- 11:30 – 12:00 p.m. **Michael Tabor**, Head, Program in Applied Mathematics and **Robert Reinking**, Senior Research Engineer, Program in Applied Mathematics: "What do you see?" A tour of the Applied Mathematics Laboratory (Meet in Room 401N)
- 12:00 – 2:00 p.m. Lunch Break
- 2:00 – 2:25 p.m. **Enrique Acosta**, Graduate Student, Department of Mathematics
"Lines on Cubic Surfaces"
- 2:30 – 2:55 p.m. **Amanda Schaeffer Fry**, Graduate Student, Department of Mathematics
"'Nonsense' with the General Linear Group: Linear Groups Over Fields with At Most One Element"
- 3:00 – 3:30 p.m. Break
- 3:30 – 3:55 p.m. **Ken McLaughlin**, Faculty, Department of Mathematics
TBA
- 4:30 p.m. Tour of Student Recreation Center. Meet grad student Shane Passon in Room 401N.

Tuesday, March 8th

- 8:30 a.m. Refreshments
- 9:00 – 9:25 a.m. **John Gemmer**, Graduate Student, Program in Applied Mathematics
“Shape Selection in Non-Euclidean Plates”
- 9:30 – 9:55 a.m. **Joanna Masel**, Faculty, Department of Ecology/Evolutionary Biology
“Searching for a grand unified theory of biology”
- 10:00 – 10:25 a.m. **David Glickenstein**, Faculty, Department of Mathematics
“The Poincare Conjecture”
- 10:30 – 10:55 a.m. **Karl Glasner**, Faculty, Department of Mathematics
“Localized structures in partial differential equations: singularities, interfaces and patterns”
- 11:00 a.m. Seminar ends