



PURDUE UNIVERSITY
Department of Mathematics

FINAL ANNOUNCEMENT

32nd Midwest Partial Differential Equations Seminar

The 32nd Midwest PDE Seminar will be held in the Mathematical Sciences Building, Room 175, at Purdue University, West Lafayette, Indiana, during the weekend of September 26-27. The schedule is the following:

SATURDAY, SEPTEMBER 26:

- 9:30-10:00 a.m. Coffee and doughnuts, Library Lounge, 3rd Floor, Math Sciences Bldg.
- 10:00-11:00 a.m. PROFESSOR PANAGIOTIS SOUGANIDIS, University of Wisconsin,
"Front Propagation and Phase Field Theory".
- 11:30-12:30 PROFESSOR IRENE FONSECA, Carnegie Mellon University,
"Quasiconvexity of Surface Energies".
- Lunch Break
- 2:00-3:00 p.m. PROFESSOR JOHN NEU, University of California at Berkeley,
"Regularization of the Coulomb Singularity in Classical Field Theory".
- 3:15-4:15 p.m. PROFESSOR ANTONIO SA BARRETTO, Purdue University,
"Propagation of Conormal Singularities for the Semilinear Wave Equation".
- Coffee Break
- 4:45-5:45 p.m. PROFESSOR NICOLAI KRYLOV, University of Minnesota,
To Be Announced.

SUNDAY, SEPTEMBER 27:

- 8:30-9:00 a.m. Coffee and doughnuts, Library Lounge.
- 9:00-10:00 a.m. PROFESSOR NICHOLAS ALIKAKOS, University of Tennessee,
"Dynamics of the Cahn-Hilliard Equation in Higher Space Dimensions".
- 10:15-11:15 a.m. PROFESSOR BEI HU, University of Notre Dame,
"A Degenerate Elliptic System for Thermistors".
- 11:30-12:30 PROFESSOR CARLOS KENIG, University of Chicago,
"Recent Results On Nonlinear Dispersive Equations and Systems".