SECOND ANNOUNCEMENT
20th Midwest Partial Differential Equations Seminar
Purdue University, Department of Mathematics

The Twentieth Midwest P.D.E. Seminar will be held at Purdue University on October 25 & 26, 1986. All talks will be held in the Auditorium in the Mathematical Sciences Building, Room 175.

SATURDAY, October 25, 1986

9:15am - 10:00am  Coffee and donuts, Library Lounge, 3rd Floor
10:00am - 11:00am  CATHLEEN MORAWETZ (Courant Institute)
"Transonic flow and compensated compactness"
11:00am - 11:30am  Coffee Break, Library Lounge, 3rd Floor
11:30am - 12:30pm  ROBERT F. SEKERKA (Carnegie-Mellon University)
"Recent developments in the weakly nonlinear theory of morphological stability"
12:30pm - 2:15pm  Lunch
2:15pm - 3:15pm  TAI PING LIU, (University of Maryland)
"Nonlinear hyperbolic conservation laws and related topics"
3:15pm - 3:40pm  Coffee Break, Library Lounge, 3rd Floor
3:40pm - 4:40pm  NICHOLAS LERNER (Purdue University)
"Interaction of singularities for nonlinear hyperbolic equations"
4:45pm - 5:45pm  DAVID H. SATTLINGER (University of Minnesota)
"Gauge theories of Backlund transformations"
6:30pm  Dinner at the Hunan Restaurant
8:00pm  Party at the Baouendi's

SUNDAY, October 26, 1986

8:30am - 9:15am  Breakfast, Library Lounge, 3rd Floor
9:15am - 10:15am  LEON SIMON (Stanford University)
"Rates of asymptotic convergence near isolated singularities of geometric extrema"
10:20am - 11:20am  JEAN PIERRE ROSEY (Université de Provence and University of Wisconsin)
"Holomorphic functions and $C^\infty$ wave front"
11:20am - 11:45am  Coffee Break, Library Lounge, 3rd Floor
11:45am - 12:45pm  ROGER TEMAM (University of Paris at Orsay and Indiana University)
"Rearrangement, relative rearrangement and applications"