PROGRAM

21st Midwest Partial Differential Equations Conference

The University of Illinois at Chicago, Lecture Center B1

SATURDAY, APRIL 11, 1987

10:00   Mike Crandall (Univ. of Wisconsin): Maximal solutions and universal bounds for some non-linear evolution problems

11:30   Eugene Fabes (Univ. of Minnesota): Behavior of Green's functions for parabolic equations

2:15   Greg Verchota (Univ. of Ilinois, Chicago): Remarks on boundary value problems for some elliptic systems in non-smooth domains

3:30   Carlos Kenig (Univ. of Chicago): Weak and strong solutions of the porous media equation in cylinders

4:45   Jill Peiffer (Univ. of Chicago): The oblique derivative problem on Lipschitz domains

SUNDAY, APRIL 12, 1987

9:30   Patty Bauman (Purdue Univ.): A non-convex variational problem related to change of phase

10:45   Jim Ralston (U.C.L.A.): Semi-classical approximation in solid state physics

12:00   Avner Friedman (Purdue Univ.): Optimal control in free boundary problems

There will be a party at Prof. Tartakoff's following dinner on Saturday. To get to the party, take Lake Shore Drive north to Irving Park Road (4000 North) and go West one block to Pine Grove. Lake Park Plaza (3930 N. Pine Grove) is on the South-West corner of Irving Park and Pine Grove, and Tartakoff's apartment is #2201.