18th MIDWEST P.D.E. SEMINAR

Final Announcement

The 18th Midwest P.D.E. Seminar will be held at the University of Notre Dame on October 5-6, 1985. All talks will be in 226 CCMB (Mathematics Building).

The Morris Inn (on campus) is holding a block of rooms until September 15. If you have not already reserved a room and wish to, please fill out the enclosed room reservation form.

Saturday

10:00-11:00	Carlos Kenig (University of Chicago) Compactness methods for generalized porous media equations
11:30-12:30	Fritz John (Courant and MRC) The elusive blow-up of nonlinear waves
2:00-3:00	Alexander Nagel (Wisconsin) Szegö kernels in certain weakly pseudoconvex domains
3:15-4:15	Ridgway Scott (Michigan) Finite element methods for the Navier-Stokes equation
4:30-5:30	Bryce McLeod (Oxford and Purdue) A differential equation with rearrangements

Sunday

9:30-10:30	Michael Beals (Rutgers) Conormal solutions to semilinear hyperbolic boundary problems
10:45-11:45	Dennis DeTurck (Penn) Exploiting the invariance of differential systems
12:00-1:00	Gary Roberts (Notre Dame) Quasi-subelliptic estimates for operators with multiple characteristics

Coffee will be available in the lounge, 201 CCMB, each morning at 9:00.

There will be a party at the Stantons' house, 809 W. Northshore, Saturday at 8:00 p.m.