August 29, 1985

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 XRC)
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.