

Final Announcement

FOURTEENTH MIDWEST P.D.E. SEMINAR

October 8-9, 1983

Department of Mathematics  
Purdue University  
West Lafayette, Indiana

All talks will be held in the Auditorium in the Mathematical Sciences Building, Room 175.

Saturday, October 8

- 10:00a.m. Neil Trudinger (Australian National/Indiana)  
"Recent progress in fully nonlinear equations"
- 11:30a.m. Nancy Stanton (Notre Dame)  
"The heat equation for the  $\bar{\partial}_b$  Laplacian"
- 2:15p.m. Jim Ralston (UCLA) "Inverse spectral results  
for Schrödinger operators"
- 3:30p.m. Wei-Ming Ni (Minnesota) "On some nonlinear  
elliptic equations arising in geometry and physics"
- 4:45p.m. Morton Gurtin (Carnegie-Mellon) "Some results,  
conjectures, and open problems concerning degenerate  
parabolic equations"

Sunday, October 9

- 9:00a.m. Victor Guillemin (MIT)  
"Toeplitz operators in several dimensions"
- 10:30a.m. Jim Douglas, Jr. (Chicago)  
"Mixed finite element methods"
- 11:45a.m. Peter Li (Purdue)  
"Heat kernel and eigenvalue estimates"

Coffee and donuts will be available each morning. There will be a group dinner and party on Saturday evening. Those interested in housing accommodations, please call (317) 494-6311, ext. 4139. For more information, call Salah Baouendi at (317) 494-1908.