

## 30<sup>th</sup> MIDWEST PDE SEMINAR

The 30<sup>th</sup> Midwest PDE Seminary will be held at the University of Wisconsin-Madison on October 5 - 6, 1991. All talks will be in the 9<sup>th</sup> floor lounge, Van Vleck Hall.

### PROGRAM

#### Saturday (coffee at 9:30 am)

- 10:00 - 11:00: Tai-Ping Liu (Stanford University)  
"Hyperbolic conservation laws with relaxation"
- 11:15 - 12:15: Bennett Chow (University of Minnesota)  
title to be announced
- 2:00 - 3:00: David Terman (Ohio State University)  
"Traveling wave solutions of reaction-diffusion equations"
- 3:15 - 4:15: Patricio Aviles (University of Illinois)  
title to be announced
- 4:30 - 5:30: Henri Berestycki (University of Paris VI)  
"The principle eigenvalue of an elliptic operator in a general domain"

Saturday at 8:30 pm there will be a party with desserts at the Slemrod's, 3909 Regent Street.

#### Sunday (coffee at 9:00 am)

- 9:30 - 10:30: Robert Glassey (Indiana University)  
"The Vlasov-Maxwell system"
- 10:45 - 11:45: Mei-Chi Shaw (University of Notre Dame)  
"Solvability and estimates for the tangential Cauchy-Riemann Equations"
- 12:00 - 1:00: Emmanuele DiBenedetto (Northwestern University)  
"On the local behavior of solutions of singular parabolic equations"

Blocks of rooms have been reserved at the J. F. Friedrichs Center (608) 231-1341 on the Madison campus (a 15 - 20 minute walk or short bus ride to the Mathematics Department) for \$33.00 (single) or \$38.00 (double) plus tax per night and at the Howard Johnson Motel (608) 251-5511 (a 15 minute walk to the Mathematics Department) for \$54.00 (single) or \$61.00 (double) plus tax per night. The Friedrichs Center block will be held until two weeks before the meeting and Howard Johnson block until one month before the meeting so we urge people to make their reservations early.