

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN  
DEPARTMENT OF MATHEMATICS  
URBANA, ILLINOIS 61801

Sixth Midwest Partial Differential Equations Conference  
October 13, 14, 1979

Saturday, October 13, Room 314 Altgeld Hall

- 10:00-11:00 Prof. Robert T. Glassey (Indiana)  
"On Yang-Mills Fields"  
Introduced by Professor Bartle
- 11:30-12:30 Prof. Peter Lax (Courant)  
"The Zero Dispersion Limit for the KdV Equation"  
Introduced by Professor Bateman
- 2:30-3:50 Prof. Jim Douglas, Jr. (Chicago)  
"Simulation of Miscible Displacement in Porous  
Media:  
Introduced by Professor Saylor
- 4:00-5:00 Prof. Robert E. L. Turner (Wisconsin)  
"Fluid Systems Supporting Solitary Waves"  
Introduced by Professor Rubel

Sunday, October 14, Room 314 Altgeld Hall

- 9:50-10:50 Prof. Harold Benzinger (Illinois)  
"Perturbation of Semigroups"  
Introduced by Professor Berkson
- 11:00-12:00 Prof. Donald G. Aronson (Minnesota)  
"Recent Work on the Porous Medium Equation and its  
Analogues"  
Introduced by Professor Philipp
- 1:30-2:30 Prof. E. C. Zachmanoglou (Purdue)  
"Flat Solutions and Singular Solutions of Linear  
P.D.E.'s with Analytic Coefficients"  
Introduced by Professor Uhl
- 3:00-4:00 Prof. Garrett Birkhoff (Harvard and Purdue)  
"The Numerical Solution of Elliptic Problems"  
Introduced by Professor Burkholder

An overhead projector, as well as a large blackboard, are available.

---

I plan to attend the Sixth Midwest Partial Differential Equations Conference

Name \_\_\_\_\_

Address \_\_\_\_\_

Return to: H. E. Benzinger, Department of Mathematics, 273 Altgeld Hall,  
University of Illinois, Urbana, Illinois 61801