

# 26th Midwest P.D.E. Conference

Argonne National Laboratory  
Auditorium, Building 203

November 4-5, 1989

## Saturday, November 4

- 10:00 AM Fritz Gesztesy (Univ. of Missouri, Columbia)  
Explicit Construction of Solutions of the Modified  
Kadomtsev-Petviashvili and Related Equations
- 11:30 AM Jindřich Nečas (Charles Univ., Prague/Northern Illinois Univ.)  
Global Solutions of Compressible Multipolar Fluid Equations
- 2:15 PM Richard Beals (Yale)  
The Davey-Stewardson Equations
- 3:30 PM Gui-Qiang Chen (Argonne/Univ. of Chicago)  
Hyperbolic Systems of Conservation Laws with Degeneracy
- 4:45 PM Wei-Ming Ni (Univ. of Minnesota)  
On the Shape of Least-Energy Solutions of a Semilinear  
Neumann Problem

## Sunday, November 5

- 9:30 AM Charles Coffman (Carnegie Mellon)  
A Prescribed Mean Curvature Problem on Non-Radially  
Symmetric Domains
- 10:45 AM Peter Takac (Vanderbilt)  
Asymptotic Behavior of Singular Parabolic Equations
- 12:00 Noon Jerry Bona (Penn State)  
Some Problems Arising in Low-Reynolds Number Free-Surface Flows