Conference on Nonlinear Analysis

Tuesday, January 8, 2002

09:00 – 09:40   **P. Holmes**
"Interactions of solitons and kinks with defects:
finite dimensional models"

09:50 – 10:30   **H.P. Kruse**
"A two-dimensional generalization of the Camassa-Holm
equation"

Coffee Break

11:00 – 11:30   **S.S. Antman**
"Dissipation in solids: invariance, regularity and computation"

11:40 – 12:20   **K. Kirchgässner**

Lunch

15:00 – 15:40   **P. Fife**
"Modeling patterns in polymer science"

15:50 – 16:30   **S. Maier-Paape**
"Pattern formation driven by instabilities and stochastics"

Coffee Break

17:00 – 17:40   **J.E. Marsden**
"Variational and Asynchronous Integrators"

17:50 – 18:10   **B. Keyfitz**
"Nonhyperbolic conservation laws in two-phase flow"

18:15 – 18:35   **F. Otto**
"Stochastische Effekte bei Ostwaldreifung"

18:40 – 19:00   **H.B. Keller**
" Rank Theory for Differential Algebraic Equations"