

Conference on Nonlinear Analysis

Monday, January 7, 2002

09:00

Opening of the Conference

09:05 – 09:45

G. Iooss

“Reduction method for small amplitude waves in lattices”

09:50 – 10:30

M. Haragus

“Stability and instability of solitary waves”

Coffee Break

11:00 – 11:20

E. Lombardi

“Gravity travelling waves for two superposed fluid layers, one being of infinite depth: a new type of bifurcation”

11:30 – 11:50

S.-M. Sun

“Surface waves on Water with Surface Tension”

12:00 – 12:20

B. Sandstede

“Bifurcations of waves using spatial dynamics”

Lunch

15:00 – 15:40

J. F. Toland

“Properties of Stokes Highest Wave”

15:50 – 16:30

G. Raugel

“Asymptotic behaviour of damped wave equations”

Coffee Break

17:00 – 17:40

M. Renardy

“Jet breakup in viscoelastic fluids”

17:50 – 18:10

A. Afendikov

“Kolmogorov problem on viscous fluid flows on plane torus and bifurcations from line of equilibria”

18:15 – 18:35

F. Busse

“Heteroclinic Cycles, Bursts and Solitary Solution in Problems of Thermal Convection and Related Flows”