INTERNATIONAL WORKSHOP

on

DIFFERENTIAL EQUATIONS, NUMERICAL ANALYSIS AND APPLICATIONS

(In honor of Roger Temam's 60th Birthday)

5 June, 2000

Room 232
Amado Mathematics Building
Technion, Haifa, Israel

Organizers:  Matania Ben-Artzi (Hebrew University of Jerusalem)
Jacob Rubinstein (Technion--Israel Institute of Technology)

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PROGRAM

10:30  Opening (M. Ben-Artzi)

10:35  S. Kamin (Tel Aviv University)
Long-time behaviour of solutions for a system of detonation

11:10  M. Israeli (Technion)
Low communication domain matching for large scale solution of elliptic PDE's

11:45  Coffee Break
12:00  J. Rubinstein (Technion)
A nonlocal theory of suspensions

12:35  Y. Yomdin (Weizmann Institute)
High order representation and processing of noisy discontinuous data - an example:
Image analysis and compression

13:10  M. Goldberg (Technion)
Finite Difference Schemes for Parabolic Systems Revisited

13:45  Lunch break

15:15  P. Rosenau (Tel Aviv University)
A Parable on a Parabolic Hedgehog

15:50  S. Kaniel (Hebrew University)
On the Derivation of the Equations of Motion in Gravity Theories

16:25  🍴

17:00  M. Ben-Artzi (Hebrew University)
Numerical Approach to the 2-D Navier-Stokes Equations

17:35  I. Shafrir (Technion)
Asymptotic behavior of minimizing sequences for Hardy's inequality

19:00  Dinner