WTS 2007 - Programme of Warwick and Hull Workshop
17-21 September, 2007

WARWICK  17-19 September, 2007 - All talks in MS01 in the Zeeman Building
Monday 17 September 2007 - MIR@W Day Turbulence: successes, failures and what is there to try next
09:00  Registration in Room B1.37 and Coffee in the Mathematics Institute Common Room
10:30 - 10:45  Opening
10:45 - 11:45  U. Frisch (OCA & Nice) From Newton's mechanics to Euler's equations. How the equations of fluid dynamics were born 250 years ago
11:45 - 12:45  V. Zakharov (Arizona) TBA
12:45 - 14:00  Lunch
14:00 - 15:00  A. Pouquet (NCAR) New results stemming from a high Reynolds number numerical simulation of three-dimensional MHD turbulence: do we have evidence for weak turbulence?
15:00 - 15:45  W. van de Water (Eindhoven) Waves above homogeneous isotropic turbulence
18:15  Buffet dinner at the Mathematics Institute Common Room

Tuesday 18 September 2007
09:30 - 10:30  V. Lukov (Weizman Inst) Fundamentals of wall bounded turbulence
10:30 - 11:00  Coffee in the Mathematics Institute Common Room
11:00 - 12:00  V. Zeitlin (ENS) Subharmonic resonance free-wave-trapped wave(s) and related nonlinear phenomena
12:00 - 13:00  I. Kolokolov (Landau Inst) Diffusion effects at large distances in passive advection
13:00 - 14:00  Lunch at the Mathematics Institute Common Room

Wednesday 19 September 2007
09:30 - 10:30  V. Lebedev (Landau Inst) Advanced stage of frictionless 2d turbulence
10:30 - 11:00  Coffee in the Mathematics Institute Common Room
11:00 - 12:00  S. Fauve (ENS) Fluctuations of energy flux in out of equilibrium systems
12:00 - 13:00  C. Barenghi (Newcastle) The visualization of superfluid turbulence
13:00 - 14:00  Lunch at the Mathematics Institute Common Room
14:00-18:00  Bus trip to Hull

HULL  20 & 21 September, 2007 - All talks in room CR1
Thursday 20 September 2007
09:15 - 09:30  Opening
09:30 - 10:15  V. Zakharov (Arizona) TBA
10:15 - 10:45  V. Shiraishi When Hasselman Equation fails: “Fast” nonlinear evolution of water wave spectra
10:45 - 11:15  S. Annenkov Direct numerical simulation of Wave Fields far from equilibrium
11:15 - 11:30  Tea Break
11:20 - 12:05  E. Falcon Observation of gravity wave turbulence on a fluid surface
12:05 - 12:50  G. Kolmakov Turbulence on the surface of liquid helium and hydrogen
13:00 - 14:00  Lunch
14:00 - 14:45  V. Zeitlin (ENS) Weak Turbulence of near-inertial waves
14:45 - 15:30  S. Nazarenko (Warwick) Discrete effects in Wave Turbulence
15:30 - 15:45  Tea Break
15:45 - 16:30  S. Rasa and G. During Wave Condensation
18:00 - 21:00  Excursion to the DEEP and banquet

Friday 21 September 2007
09:30 - 10:15  TBA
10:15 - 11:00  E. Kartashova (J Kepler) Mesoscopic regimes in wave turbulent systems
11:00 - 11:20  Tea Break
11:20 - 11:40  S. Lukaschuk (Hull) Surface Gravity Wave Turbulence in a Laboratory Flume
11:40 - 12:00  W. van de Water (Eindhoven) Turbulence of Faraday Waves
13:00 - 14:00  Lunch
14:00 - 14:45  E. Efimov Formation and decay of direct and inverse cascades in the frequency spectrum
14:45 - 15:30  TBA
15:30 - 15:45  Tea Break
15:45 - 16:30  Poster Session Efimov, Hameed, ...
16:30 - 17:00  Concluding discussion

Supported by
EPSRC
Engineering and Physical Sciences Research Council
MIR@W
THE UNIVERSITY OF HULL
HERI

Information on these and other events can be found at: www.maths.warwick.ac.uk/events.html
or contact: Mathematics Research Centre, University of Warwick, Coventry, CV4 7AL, UK
E-mail: mrc@maths.warwick.ac.uk  Phone: +44 (0)24 7652 8317  Fax: +44 (0)24 7652 3548