Programme of WISE 2004 meeting in Reading

Sunday June 6

SPECIAL COURSE ON MESO-SCALE MODELLING

14.00   Andrew Brown ....Meso scale modelling of orographic and coastal effects

15.15   Coffee and Tea

15.45   Peter Janssen ....On mesoscale variability and Kolmogorov's inertial subrange spectral law

17.00   REGISTRATION

19.30   Informal Dinner at Danielle's and Peter's home

Monday June 7

9.00   Opening

INVITED TALK

9.15   Peter Janssen ....Wind-wave generation revisited

10.40   Coffee and Tea

PHYSICS

11.00   Henrique Alves ....Recent research on hurricane-generated waves at NOAA/NCEP

11.25   Fabrice Ardhuin ....Wave-generation with opposing swell during SHOWEX

11.50   Alexander Babanin ....Experimental determination of spectral distribution of wave breaking events and energy dissipation

12.15   Mike Banner ....Modelling wave breaking in spectral wind-wave models - a current perspective

12.40 LUNCH

14.00   Mark Donelan ....As simple as possible, but not simpler

14.25   Paul Liu ....From the final voyage of SS Edmund Fitzgerald to some heretic views on the study and modelling of wind waves

14.50   Miguel Onorato ....Quasi-resonant interaction theory and experiments

15.15   Coffee and Tea

15.30   Andrei Pushkarev ....On the interaction of swell and wind sea in deep ocean

15.55   Don Resio ....Source term balances in the equilibrium range

16.20   Erick Rogers ....Recalculation of wind input source function and numerical experiments

16.55   Coffee and Tea

17.20   Kakha Tsagareli ....Investigation of wind input and spectral dissipation in evolution of wind waves

17.45   Vladimir Zakharov ....Deterministic numerical simulation of wind-driven sea

18.10   Vlad Polnikov..................(Title t..b.a.)

Programme of WISE 2004 meeting in Reading

Tuesday June 8

INVITED TALK

8.15   Ken Melville ....White capping: from micro physics to a global perspective

9.30   Discussion and Planning

10.30   Coffee and Tea

10.50   Discussion and Planning continued

COUPLING and NONLINEAR INTERACTIONS

11.30   Fabrice Ardhuin ....3D formalism for coupled wave-current models

11.55   Jean-Michel Lefevre ....Recent developments about input source term in WAM

12.20   Oyvind Saetra ....Effects of sea state dependent momentum fluxes in storm surge modelling

12.45   LUNCH

14.00   Michel Benoit ....Evaluation of an efficient and potentially exact method for computing nonlinear interactions between quadruplets for deep water wave spectra

14.25   Igor Lavrenov ....Weak turbulent flux estimation for surface water wave spectrum

OBSERVATIONS

14.50   Gerbrant v. Vledder ....The lumped quadruplets interaction approximation

15.15   Coffee and Tea

15.30   Richard Gorman ....Directional wavelet analysis of inhomogeneity in surface wave fields

15.55   John Dugan ....Frequency-wavenumber spectra of shoal gravity waves

16.20   Bardur Niclasen ....Wave measurements around the Faroe Islands 1979 to present

16.45   Coffee and Tea

17.00   Pedro Osuna ....Comparison of wave measurements and model results in the Liverpool bay area

17.25   J. Green ....Row action inversion of the Barrick-Weber equations

17.50   Alessandro Toffoli ....Extreme waves in shallow water records

Wednesday June 9

MODELLING

8.35   Wolfgang Rosenthal ....Individual wave detection

9.00   Saleh Abdalla ....Assimilation of ENVISAT and JASON altimeter wave data

9.25   Jean Bidlot ....Recent developments in the ECMWF wave forecasting system

9.50   Rodolfo Sanchez ....Drag coefficient as a calibration parameter

10.15   Coffee and Tea

10.35 M. Bottema ....Aerodynamic roughness of lakes and required dike heights

11.00 Luigi Cavaleri ....Cross comparison of meteorological and wave models in the Mediterranean Sea

11.25 Valdir Innocentini ....The wave climate in the Northeast of Brazil

11.50 Heidi Pettersson ....Wave direction in a narrow bay

12.30 BUS LEAVES FOR FIELD TRIP (lunch to be provided)

7.30 Conference dinner at Loch Fyne

Thursday June 10

MODELLING (continued)

8.35 Jacco Groeneweg ....Developments in intra-wave motion modelling

9.00 Heinz Guenther ....A comparison of wave model performance at a tidal inlet environment

9.25 Hans Hersbach ....Evolution of the quality of the ECMWF surface winds over the last 7 years

9.50 Robert Jensen ....How far can we push oceanic scale wave models into the coast

10.15 Coffee and Tea

10.35 Kimmo Kahma ....Parameterizing the coast line of the Northern Baltic Sea for wind-wave models

11.00 Annette Kieftenburg ....Maintenance management of SWAN and development of tools: the importance to Rijkswaterstaat

11.25 Roop Lalbeharry ....An intercomparison of three state of the art ocean wave models applied to lake Erie

11.50 Hendrik Tolman ....Recent model development at NCEP

12.15 LUNCH

13.30 Laura Tuomi ....Modelling waves with high spatial resolution in the coastal areas of the Baltic Sea

13.55 Andre v.d. Westhuysen ..Improved accuracy of SWAN through development of numerics

14.20 Nigel Tozer ....Wave modelling in the outer Thames estuary

14.45 Coffee and Tea

15.00 Judith Wolf ....A shallow water wave model for the North Norfolk coast

15.25 Masataka Yamaguchi .....Estimating the parent distribution of storm type-separated annual maximum wave heights on north-western Pacific ocean

15.50 Meeting Close