

Water Waves - Mathematical Theory and Applications Schedule

University of Plymouth, Rolle Building, Room 204

5. September

9:00-9:55 – **David Andrade** - On random inhomogeneous fields of non-linear deep-water waves

9:55-10:20 - *Coffee*

10:20-11:15 – **Yaron Toledo** - East Mediterranean currents, waves and low frequency oscillations

11:15-12:10 – **Daniel Conley** - HF radar wave measurements at the Wave Hub

12:10-13:40 – *Lunch*

13:40-14:35 – **Alison Raby** - Characteristics of design waves in shallow water

14:35-15:00 - *Coffee*

15:00-15:55 – **Anna Kalogirou** - Wave amplification phenomena and a novel wave-energy converter

15:55-16:50 – **Dan Liberzon** - Breaking of water waves - criterion and accurate detection

17:00-18:00 – *Tour/Demo in COAST Lab*

19:30 – *Dinner at Rockfish*

6. September

9:00-9:55 – **Kateryna Marynets** - On a Two-Point Boundary Value Problem in Geophysics

9:55-10:20 - *Coffee*

10:20-11:15 – **Emilian Parau** - Water waves under ice and related phenomena

11:15-12:10 – **Ton van den Bremer** - Dispersion and Modulational Instability in Crossing Waves

12:15 – *Lunch & Departure*