

Water Waves - Mathematical Theory & Applications Schedule.
University of Plymouth, Rolle Building, Room 117

<u>Thursday, September 8th</u>	
8:00-9:00	Arrival/Coffee/Tea
9:00-10:00	Thomas Adcock (University of Oxford) - The high frequency spectral tail and rogue waves
10:00-10:30	Coffee/Tea
10:30-11:30	Miguel Bustamante (University College Dublin) - Five-wave resonances in deep water gravity waves: Integrability, numerical simulations and experiments
11:30-12:00	Noam Ginio (Technion) - Nondestructive method for efficient spatio-temporal water surface waves reconstruction based on polarimetric imaging and machine learning
12:00-13:30	Lunch
13:30-14:00	Tianning Tang (University of Oxford) - A reduced order model for space-time wave statistics with probabilistic decomposition-synthesis method
14:00-14:30	Gal Akrish (TU Delft) - On the quadratic interaction coefficients for spectral forecasting of coastal waves
14:30-15:00	Coffee/Tea
15:00-16:00	Ioannis Karpadakis (Imperial College London) - Statistical properties of waves in finite water depths
16:00-16:30	David Andrade (University of Plymouth) - On the wave height probability of a wave spectrum reflected from a vertical wall

<u>Friday, September 9th</u>	
8:00-9:00	Arrival/Coffee/Tea
9:00-10:00	Anatoliy Khait (Ariel University) - On mean currents induced by mechanical wavemakers
10:00-10:30	Coffee/Tea
10:30-11:30	Alberto Alberello (University of East Anglia) - Waves-sea ice interactions in the marginal ice zone
11:30-12:00	Eytan Meisner (Technion) - Deterministic Nonlinear Wave Forecasting in Finite Depth - From the mathematical framework to preliminary experimental results

12:00-13:30	Lunch
13:30-onwards	COAST Lab Tour/Informal discussions/Sightseeing/Departure