



Indo-UK Workshop on Recent Advances in Wave-Structure Interactions

18th Feb 2018.

Venue: Hall 1, ICSR Building, IIT Madras



CITY
UNIVERSITY OF LONDON
EST 1894

08:30 - 09:00	<i>Registration</i>	
<i>Inaugural</i> <i>Chief Guest: Prof. R. Nagarajan, Dean – International & Alumni Relations, IIT Madras.</i> <i>[09:00-9:30]</i>		
09:30 - 10:15	<i>Experimental and Numerical modelling– Past and Present state of the art.</i>	<i>Dr. V. Sriram (IIT Madras)</i>
10:15 – 10:30	<i>Tea Break</i>	
10:30 - 11:15	<i>Development of a potential-flow based numerical wave tank for nonlinear interaction of floating bodies in large amplitude waves.</i>	<i>Dr. D. Sen (IIT Kharagpur)</i>
11:15 - 12:30	<i>Developments in FNPT on large-scale wave modelling</i>	<i>Dr. Jinghua Wang(City, UK)</i>
12:30- 1:15	<i>WSI modelling using OpenFOAM</i>	<i>Dr Zhihua Ma (MMU, UK)</i>
1:15 – 1:45	<i>Lunch Break</i>	
1:45 – 2:30	<i>Modelling Extreme Wave Overtopping at Aberystwyth Promenade</i>	<i>Dr. Dominic Reeve (Swansea University)</i>
2:30 – 3:15	<i>Numerical modelling – Storm surge, Tsunamis, Boussinesq models</i>	<i>Dr. K. Murali (IIT Madras)</i>
3:15 – 3:30	<i>Tea Break</i>	
3:30 - 4:15	<i>Developments in Hybrid modelling – Fluid-Fluid, Fluid-Structure coupling.</i>	<i>Dr. V. Sriram (IIT Madras)</i>
4:15 – 5:30	<i>Developments in Hybrid Modelling (FNPT-SPH/OPENFOAM/MLPG)</i>	<i>Dr. S. Yan (City, UK)</i>
5:30 – 6:00	<i>LBM</i>	<i>Dr. S.A. Sannasiraj (IIT Madras)</i>
6:00 – 6:15	<i>Discussion and concluding remarks</i>	<i>Dr. V. Sundar (IIT Madras) & Dr. Qingwei Ma (City, UK)</i>



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