



Osaka University

Graduate School of Engineering
Department of Naval Architecture & Ocean Engineering

Hydro-Seminar

by Lab. of Floating-Body Dynamics in Waves

The speaker in the 29th Hydro-Seminar is

Professor Neil Bose

Principal, Australian Maritime College
University of Tasmania, Australia



Date: Wednesday, 4 June, 2014
Time: 10:30 – 11:45
Venue: S1-313 (Lecture room, 3F of S1 building)
Suita Campus, Osaka University

Challenges of the Ocean

Abstract

A description will be given of thematic research areas at the Australian Maritime College, University of Tasmania. Further detail will be given of work on tidal energy, wave energy and on marine dredging and mining. A description of spillage tests from a transverse axis dredging/mining cutter will be described.

The Speaker: Professor Neil Bose

Neil Bose is the Principal of the Australian Maritime College (AMC), a specialist institute of the University of Tasmania, and a Professor of Maritime Hydrodynamics. From 2009 to 2011 he was Director of the AMC – National Centre for Maritime Engineering and Hydrodynamics at AMC.

Neil Bose obtained his B.Sc. in Naval Architecture and Ocean Engineering from the University of Glasgow in 1978 and his Ph.D. also from Glasgow in 1982. He came to AMC in Tasmania in May 2007 as the Manager of the Australian Maritime Hydrodynamics Research Centre. His personal research interests are in marine propulsion, autonomous underwater vehicles, ocean environmental monitoring, ocean renewable energy, ice/propeller interaction and aspects of offshore design.

Neil Bose is an ocean engineer and naval architect with an international reputation in marine propulsion built up through close collaboration with international industry. Through his International Towing Tank Conference (ITTC) work, he is recognized as having contributed to new ways of looking at marine powering performance prediction, an approach which is described in his 2008 book *Marine Powering Prediction and Propulsors* published by the Society of Naval Architects and Marine Engineers, USA.



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