



AVVISO DI SEMINARIO

Il Dr Hiroaki KASHIMA

Port and Airport Research Institute, Japan

terrà un seminario dal titolo

Estimation of Extreme Wave Occurrence from Deep to Shallow Water

Brief about the talk

In the past two decades, the deep-water extreme wave such as a freak wave was measured and caused several severe damages to offshore structures and vessels. An accurate estimation of maximum wave height and the prediction of the freak wave occurrence is important for marine safety and ocean development. However, it is not clear the behavior of generated freak waves in deep-water shoaling to shallow water. It is interesting to examine the behavior of wave group enhanced in the deep-water propagating to shallow water.

The talk will show some results on the characteristics of the extreme wave occurrence from deep to shallow water for unidirectional random waves using a series of physical experiments and numerical simulations with the standard Boussinesq equation.

**Venerdì 20 maggio 2016, alle ore 11,30
presso il Natural Ocean Engineering Laboratory
(NOEL), lungomare Falcomatà, Località Rada
delle Mura Greche, Reggio Calabria**