



Workshop on Hydrodynamics Analysis using ANSYS AQWA

11th November, 2016 | 2.00pm to 5.00pm

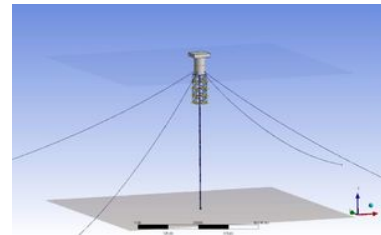
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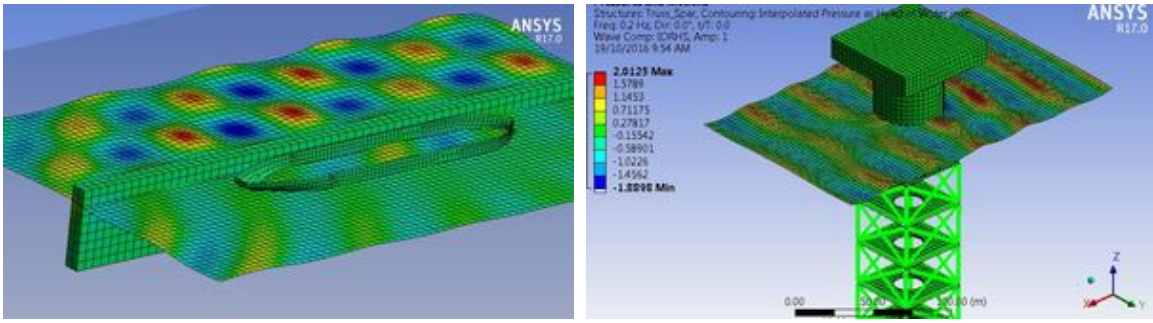
Introduction

Structures that are located offshore are subjected to environmental loading from the effects of waves, currents and wind. The design requirements for these structures can be quite different from traditional land based constructions. Simulating the loading and the effects of these on structural response is a necessary component of the design, and ANSYS Aqwa software addresses the vast majority of simulation requirements associated with hydrodynamic assessment of all types of offshore and marine structures. These include SPARs, FPSOs, Semi-submersibles, Tension leg platforms, Ships, Renewable energy devices, and Breakwaters.



Aqwa has been used extensively in the oil & gas, renewable and general engineering sectors to model installation and use of equipment in open water as well as in harbors or sheltered locations.

Join us for the workshop to learn more about Hydrodynamics Analysis using ANSYS AQWA.



Presenter Profile:



Hari Hara Sudhan is currently an Applications Engineer at CAD-IT Consultants and part of a technical team that consists of more than 4 other PhD consultants that support customers in various discipline domains. He completed his Master of Science in Mechanical at National University of Singapore (NUS) with his coursework focused on Design and Manufacturing. He Specialized in structural analysis such as linear, non-linear and advanced explicit analysis using Autodyn, and is currently providing consulting and post-sales technical support on ANSYS Workbench, Mechanical, AQWA and nCode fatigue tool.

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