

# ANSYS Offshore Solutions Workshop

## Introduction

In addition to class-leading general purpose mechanical analysis products, ANSYS provides specialised structural and hydrodynamic capabilities for the offshore industry, including code checking within an add-on module for ANSYS Structural Mechanics products.

If you are undertaking oil, gas or renewable energy projects, these solutions may offer advantages over general purpose FEA software, including if wave loading is involved.

Register for our complimentary workshop today to find out more.

## Objectives

The aim of this workshop is to create awareness amongst ANSYS users across the Marine and Offshore industry to demonstrate the capabilities of ANSYS suite and add-ons, including ANSYS AQWA and ANSYS ASAS.

## Who Should Attend

- Engineers from the Marine, Oil and Gas industry currently using ANSYS
- R&D engineers / managers from the above domains
- Engineers who just wants to know about what ANSYS can do for them

## Details of Workshop

### ANSYS Offshore Solutions

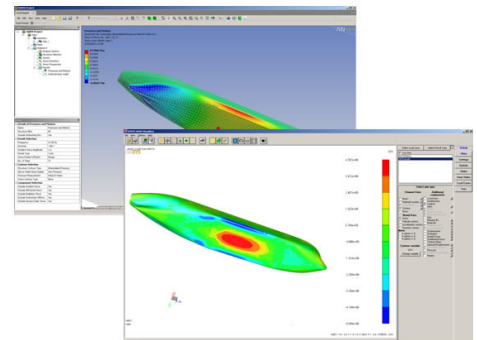
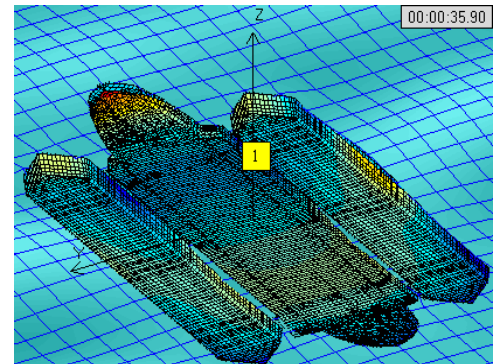
- ANSYS Structural Mechanics
- ANSYS Fluid Dynamics
- ANSYS Multiphysics
- ANSYS AQWA
- ANSYS ASAS / ANSYS ASAS Beamcheck

## CAD-IT's Workshop Testimonials

The hands-on experience & walk through are commendable.

*-Kenn Tan, Chiyoda Singapore Pte Ltd*

Every function and step is explained clearly.



### What You Will Learn About

- Hydrodynamic assessment of marine and offshore structures (ANSYS AQWA)
- Global structural assessment of marine structures including jackets, jack-ups, rises etc (ANSYS ASAS)
- Code checking of models analysed in Mechanical or Mechanical APDL (ANSYS ASAS Beamcheck)

*-Daniel Hii, NUS*

The presentation is clear and the trainer is well-prepared.

*-Kua Zai Hong, Magnum Subsea System*

The workshop contains very clear instructions and the trainer is very skilful!

*-Jack Qin, EMS Energy Solutions Pte Ltd*

## **ANSYS Testimonials**

ANSYS is undoubtedly superior to other FEM software in the market because of its easy-to-use interface and accurate simulation results.

*-Dr Xu Kai, Compass Energy Pte Ltd*

ANSYS enable us to advance in our simulation work and perform structural and thermal analysis with its comprehensive and user-friendly aspects.

*-Loh Chiah Vern, DSO National Laboratories*

ANSYS helps us to develop tooling and fixture in manufacturing and testing processes

*-Amnuay Meeraeng, Compant Precision (Thailand)*

## **Workshop Information**

<b>Date</b>	<b>: 31 August 2012 (Friday)</b>
<b>Time</b>	<b>: 2 pm - 5 pm</b>
<b>Venue</b>	<b>: 159 Sin Ming Road, #03-05 Amtech Building, Singapore 575625 (<a href="#">view map</a>)</b>

- This workshop is **free of charge**.
- CAD-IT Consultants reserves the right to cancel or postpone any event due to unforeseen circumstances.
- To register, please go to <http://www.cadit.com.sg/events.php> .

**For enquiries, please call Mr Goh Boon Wui at 6508-7562 or email to [boonwui.goh@cadit.com.sg](mailto:boonwui.goh@cadit.com.sg).**

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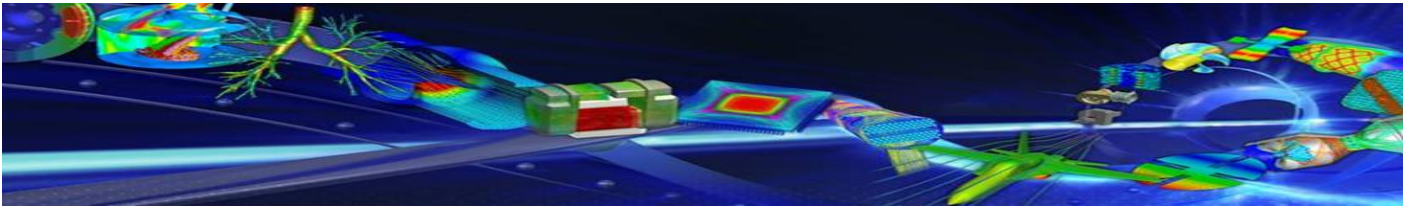
## **About CAD-IT Consultants**

Formed in 1991, CAD-IT Consultants (Asia) Pte Ltd is a leading **ISO 9001:2008** certified PLM and education provider in Asia providing world-class solutions that enable companies to achieve greater product innovation, quality and productivity with reduced lead time and costs. Our priority is in building mutually successful and long term partnerships with our customers and partners.

CAD-IT has received more than 65 International Awards for marketing/ service excellence. Among its most recent accolades are the Asia Pacific Entrepreneur Award (APEA) - Outstanding Entrepreneur Award 2010, APEA Most Promising Entrepreneur Award 2009, the Singapore Prestige Brand Award (SPBA) - Established Brand Award 2011, 2010 and 2009, and the Singapore SME 1000 Company 2011.

CAD-IT Consultants' suite of PLM solutions include ANSYS (Multiphysics FEA/CFD), Ensign (Extreme Visualization), Goldfire Innovator (Innovation Process Management), Cortona3D (3D Technical Documentation), SpaceClaim (3D Direct Modeler), Mentor Graphics Valor DFM & Valor MSS (Complete Manufacturing Execution Suite), Stampack (Sheet Metal Forming CAE), Rheoware (Blow-moulding and thermo-forming), DEFORM (Bulk Metal Forming CAE) and Dassault Systemes' ENOVIA PLM (3D Experience Innovation Platform).

Since February 2010, CAD-IT is honored to partner the Singapore Workforce Development Agency (WDA) to offer Advanced Certificate courses in PLM and Engineering Simulation, under the Workforce Skills Qualifications (WSQ) framework, with the charter to upgrade the technological capabilities of organizations in Singapore so as to enable them to undertake higher value-added design, engineering, manufacturing and R&D activities. From July 2010 to December 2011, CAD-IT has trained over 200 engineering professionals in WSQ courses.



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