



Seminar on ANSYS 18 Innovations - Mechanical Products Enhancements

Friday, 21 July 2017 | 8:30 am - 12:00 pm

**Room 2307, Block 2, Level 3,
Penang Skills Development Centre,
1 Jalan Sultan Azlan Shah, Bandar Bayan Baru,
11900 Bayan Lepas, Penang.**

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ANSYS 18.0 has new structural tools and technologies for analyzing complex materials, optimizing designs and shapes for new manufacturing methods, and ensuring the reliability of electrical components. Improvements in nearly every aspect of our ANSYS Mechanical toolset mean that you can get more done faster and with greater accuracy.

Register for this Seminar to learn how to optimize topology to design efficient, lightweight parts, and how to incorporate data from external sources in your simulations. You'll also learn how to:

- Set up models more efficiently
- Model materials like reinforced concrete
- Calculate fatigue in harmonic and random vibrations

There will also be presentations on Upfront Simulation using ANSY AIM and

insights on leveraging your hardware investment, as well as a Customer Story by **MyCAE Technologies Sdn Bhd**, a specialist engineering company based in Penang.

Agenda

8:30am - 9:00am	Registration
9:00am - 9:15am	Opening Address
9:15am - 9:35am	ANSYS 18 Highlights
9:35am - 9:55am	Upfront Multiphysics Simulation
9:55am - 10:10am	Customer Story: MyCAE Technologies Sdn Bhd
10:10am - 10:30am	Break
10:30am - 11:20am	Structural Mechanics Updates
11:20am - 11:50am	Understanding Hardware Selection
11:50am - 12:00pm	Q & A, Event Closing

Presenter Profile



Timothy Kwan (left) the Regional Business Manager of CAD-IT Consultants Malaysia, holds a Graduate Certificate of Engineering Management from Queensland University of Technology, Australia and a Graduate Diploma in Electronics and Electrical Engineering from Kolej Damansara Utama.

He joined CAD-IT Consultants (M) Sdn Bhd in 1996 and is responsible for

overseeing the Malaysian operations as well as product management of CAD-IT solutions in SEA. He has received training in a range of simulation and PLM software, of which ANSYS is key. He has successfully trained many customers including UTP, IIUM, USM, AMD, Carsem, Fairchild, Infineon and Intel.

Therdthai Thienthong (right) graduated with a MSc. in Mechanical Engineering Simulation and Design from the Sirindhorn International Thai-German Graduate School of Engineering (TGGs), King Mongkut's University of Technology North Bangkok (KMUTNB).

During his master's study, he conducted his research with the Institute of Plastics Processing (IKV), RWTH-Aachen, Germany. He has worked in Western Digital Thailand Company (WDTH), at the Advance Manufacturing Department of Head Stack Assembly Operation (using CAE technology). He joins CAD-IT Consultants (Asia) Pte. Ltd. (Thailand) in 2013 as an Applications Specialist focusing on HDD/Electronic, Automotive, Machinery and construction applications.

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