



# Achieving Engineering Transformation through Simulation and IoT

**Wednesday 13th September 2017 | 9.00 am - 12.15 pm**

IRPEC, RRIM Research Station, Malaysian Rubber Board, 47000 Sungai Buloh, Selangor, Malaysia

[\(view map\)](#)

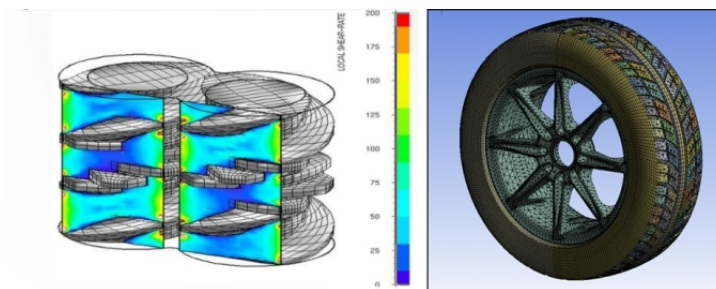
**REGISTER HERE**

CAD-IT invites you to attend our free half-day Seminar on achieving Engineering Transformation through the application of Simulation and Internet of Things (IoT) technologies.

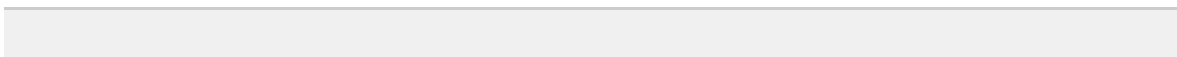
The seminar covers Mechanical and Computational Fluids Dynamics Simulation specific to the rubber industry, on applications that includes tyre design, mixing tanks and formers.

An overview of IoT for Operations and Process Monitoring, Analytics and Predictive Maintenance will also be presented.

**Register now to book your seat!**



## Agenda



Time	Agenda
9.00am - 9.15am	Registration
9.15am - 9.30am	Opening address (CAD-IT & LGM)
9.30am - 10.00am	Simulation Driven Design of Tyre System from Rubber to Road
10.00am - 10.20am	ANSYS Applications: Mixing Tank
10.20am - 10.40am	Break
10.40am - 11.00am	Overview of Polyflow Solutions
11.00am - 11.20am	ANSYS Applications: Solidification Process on a Former in Production Line
11.20am - 11.40am	Overview of IOT for Operations and Process Monitoring, Analytics and Predictive Maintenance
11.40am - 12.00pm	Presentation (to be confirmed)
12:00pm - 12:15pm	Q&A, Closing

## Presenters' Profile



**Timothy Kwan (left)**, GM 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.

**Muhamad Norfazli (right)** is an Applications Engineer at CAD-IT

Consultants (M) Sdn Bhd. He graduated from Carleton University, Canada with a degree in Mechanical Engineering. He has used ANSYS while at University, to design and simulate his University's Shell Eco-Marathon car.

He has worked as a Technical Officer for the F1 in School Technology Challenge Competition, (Regional and Finals) prior to joining CAD-IT. Fazli now provides technical support for ANSYS CFD solutions.

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