



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "TOOLS FOR DEBUGGING EMBEDDED SYSTEM"

(Organised by Information and Communications Technology Special Interest Group, IEM)

Date : 26th April 2014 (Saturday)
Time : 9.00am to 11.00am (Refreshments will be served at 8.00am)
Venue : TUS and C&S Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Yasser Asrul Bin Ahmad

BEM Approved
CPD/PDP HOURS: 2 hours
Ref No: IEM14/HQ/027/T

SYNOPSIS

The two most common tools that are used in debugging embedded electronic circuits are oscilloscope and a logic analyzer. The flexibility and fundamental visibility make these instruments indispensable for engineers and technician. Oscilloscopes are first line of equipment that most engineers and technician use in debugging. Modern oscilloscope covers a lot of functions that even a logic analyzerable to do. While, Logic analyzer being one of the most least understood instrument in debugging embedded system are still required to debug and often considered the last miles tools. The talk aims to provide new improvement in oscilloscope technology and covers how a logic analyzer is typically used in debugging embedded systems.

BIODATA OF SPEAKERS

Ir. Yasser Asrul Ahmad is the Technical Manager at ATM Solutions; an Agilent Technologies authorized partner organization. He received his MsC, on "Development of a homodyne satellite transmitter system using an ultra-low phase noise amplifier" in 2013 at the Universiti Kebangsaan Malaysia (UKM) in Bangi, Selangor, Malaysia. He received his degree in Electrical Engineering in 1999 with an minor in mathematics at Vanderbilt University in Nashville, Tennessee, USA. He is also a Professional Engineer registered with the Board of Engineer Malaysia (BEM), and a member registered with the Institution of Engineers, Malaysia (IEM). He is also an adjunct lecturer in UiTM and invited as an industrial advisor from various university.

Ir. Lee Mun Poh
Chairman,
Information and Communications Technology Special Interest Group, IEM

Announcements to Note:

1. Talk is **STRICTLY** for IEM members only (pre-registration is **NOT** required).
2. Telephone and/or fax reservation will **NOT** be entertained.
3. Limited seats are available on a "first come first served" basis (maximum 110 participants).
4. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
5. Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.

IEM members who fail to produce their membership cards will be charged a fee of RM20.00

FUNDS FOR IEM NEW BUILDING (WISMA IEM)

Kindly be informed that participants will be charged RM10.00 administrative fee for talks organized by IEM. The fee will be used for overhead costs, building maintenance expenses as well as to support the purchase of Wisma IEM. However, students are exempted. Your understanding is much appreciated.

CPD HOURS CONFIRMATION

Name : Membership Number :
Date : Signature :