

TekDay²⁰²⁵ Saigon

Tektronix | MM7 | SHTP TRAINING

April 9, 2025 | Saigon Hi-Tech Park Training Center

Unleashing the Full Potential of Next Generation Semiconductor Technologies

The semiconductor and electronics market are driven by new waves in Artificial Intelligence, Mobility and, Green Energy.

Artificial Intelligence has emerged as a prominent trend in technology. AI-powered laptops and smartphones have become ubiquitous, and their integration with end-users is no longer a futuristic concept but a tangible reality. This burgeoning trend has led to the development of key applications such as intelligent embedded system, high-speed data communication and power efficiency.

Power electronics is expected to be the largest and fastest growing segment of the discrete semiconductor industry, with much of this growth being driven by new energy efficiency-related applications and technologies for electric vehicles (EV), hybrid electric vehicles (HEV), energy storage applications, and even for upcoming Urban Air Mobility (UAM systems).

Many segments of electronics, including the semiconductor, computer and mobility industries, are focusing on efficiency of energy generation, transmission, and consumption. Device manufacturers have traditionally relied on silicon (Si) technology for creating many of the devices used to control motors, regulate voltages, convert power, etc. The latest trends have given rise to the development and adoption of wide bandgap semiconductor materials such as Silicon Carbide and Gallium Nitride. Their performance and reliability in both communication and power electronics present waves of challenges that require attention.

Tektronix as a leader in the electronic Test & Measurement industry with close to 80 years of experience and leadership in partnering with key industry leaders and research institution to help bring essential technology to people who accelerate progress.



Speakers



Tan Chuan-Shin
Regional Marketing Manager
Tektronix



Stephen Tang
Regional Applications Engineer
Tektronix



Subhasis Bera
Global Business Manager
Tektronix



Kevein Lu
Sales Manager, ASEAN & Taiwan
Tektronix



CK Teo
Chief Technical Officer
Measurement & Metrology

In Partnership with:



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Join us at TekDay, a seminar specially crafted for researchers and industry professionals who are eager to explore the latest developments in semiconductor and power electronics. Immerse yourself in the world of Next Generation Semiconductor Technologies and discover their full potential. Be part of this insightful event and stay ahead in your field!

Agenda

Time	Topic
0830 - 0900	Registration
0900 - 0915	Opening and Agenda Briefing
0915 - 0945	Enabling the Semicon Technologies Validation with Tektronix <i>Speaker: Tan Chuan-Shin</i>
0945 - 1045	Introduction to Wide Bandgap Semiconductor and GaN's Application for Artificial Intelligence and Computing <i>Speaker: Stephen Tang</i>
1045 - 1100	Break
1100 - 1200	Wide Bandgap Semiconductor: From Materials Research to Failure Analysis
1200 - 1300	Lunch and Demo
1300 - 1400	Transforming High Speed Compliance Testing: Latest Compliance Solutions Journey for HSIO Tx and Rx <i>Speaker: Subhasis Bera</i>
1400 - 1500	Battery and Energy for Next Generation Technologies <i>Speaker: Kevein Lu</i>
1500 - 1530	Break
1530 - 1600	Unlocking Device Characterization with CT Scana - From Education, Research to Production <i>Speaker: CK Teo</i>
1600 - 1630	Advanced Research and Educational Lab Solutions <i>Speaker: Tan Chuan-Shin</i>
1630	Closing and Event Ends

NOTE:

Tea-breaks and lunch will be provided.

Seminar seats are limited, and priorities will be given to relevant professionals.

Venue



Saigon Hi-Tech Park Training Center

Conference Hall

Lot E1 - Saigon Hi-Tech Park (Ha Noi Highway),

Thu Duc City, Ho Chi Minh City

[Map](#)

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