

TECH SEMINARS

SAVE THE DATE | October 23, 2018

You're Invited!

IDT is hosting a one-day, technical seminar featuring deep, technical content tracks presented by IDT experts. Learn about market and system challenges, how IDT solutions help solve them, and get hands-on advice for your solutions from our product experts.

Topic areas include IDT innovations in:

- Wireless Power
- Timing
- Optical Interconnect and RF
- Sensor Technologies and Solutions

When:

Tuesday, October 23, 2018

Where:

Grand Hyatt Taipei

Address:

2, SongShou Road, Taipei,
Taiwan, 11051

Time:

8:00AM – 5:00PM

Register today to secure your reservation as space is limited.

Go to: www.idt.com/techseminars

Contact your local Sales representative for more information.

AGENDA

Start Time	End Time	Description
8:00	8:30	Registration
8:30	9:15	Opening Session & Keynote
9:20	10:00	Session #1
10:00	10:20	Break
10:25	11:05	Session #2
11:10	11:50	Session #3
11:50	12:55	Lunch and Demos
13:00	13:40	Session #4
13:45	14:25	Session #5
14:30	15:10	Session #6
15:15	15:30	Break
15:35	16:15	Session #7
16:20	17:00	Panel Discussion, closing, and "lucky draw"
17:00	18:30	Demos & Cocktail Reception

COURSE DESCRIPTION

Wireless Power
Part 1: Introduction to Wireless Power / Part2: Qi-based Wireless Power Transmitter and Receiver Design Overview
Qi in the Wireless Power Standards Landscape
Wireless Power Transmitter Design Guide
Wireless Power Receiver Design Guide
Resonant Tank Design Considerations
Bi-directional Communication and Device Authentication
Part 1: Using Off-the-Shelf Reference Kits / Part 2: Supporting 7.5W Wireless Power Charging for smartphones Part 3: The Wait is Over - Why Now is the Time for Wireless Power
Timing
Part 1: The Fundamentals of Timing Part 1: Best Practices for Timing Design
Timing Tree Optimization
Timing Features to Address EMI Challenges
PCI Express Jitter Requirements
Introduction to Network Synchronization
Solving High Performance Timing Challenges in RF and Data Acquisition Applications
SSCs & Sensor Interfacing
Introduction in Sensor Signal Conditioning
Introduction to Sensor Communication using IO-Link and AS-Interface with Application Examples

Flow Sensors
Introduction to Mesh Networks, Connectivity Solutions, and IIoT Secure Connections
Introduction to Flow Measurement (Gas and Liquids) - Impact of Sensor Miniaturization on Emerging and non-Traditional Applications
Gas Sensors
Introduction to Indoor Air Quality (IAQ)
Introduction to Measurement of Indoor and Outdoor Air Quality
Working With Gas Sensors
Position Sensors
A "No Contact" Approach to Replace Traditional Potentiometers
Improving Efficiency in Motor Control Applications
Long Linear Motion Applications
RF & Optical Interface
Part 1: Tackling Common RF Challenges
Part 2: Tackling Common RF Challenges
Introduction to Optical Transmission Technology
Digital Coherent Long-haul Optical Transmission
Datacom and Data Center Optical Interconnect Technology