

Welcome to join our free half day seminar:

Tools for Signal Integrity using modern oscilloscopes

This seminar is designed for engineers working with high-speed digital design, where Signal and Power integrity becomes more important.

We will talk about “what can go wrong” with high-speed interfaces and show you with demonstrations how a modern oscilloscope can offer great solutions for attacking these types of application. Our built-in toolbox includes Eye Diagrams test, Jitter and Noise measurements, TDR/TDT, De-embedding, Compliance Test, Embedding and Equalization, EMI debugging and Power rail verification / debug.

We will also cover the importance of why and how to select the right type of probe and give you probe tips for Signal and Power Integrity test.

Register here:



Link: [Signal Integrity Seminar 2024](#)

08.30 – 14.30 (incl. lunch)

Topics

Advanced Eye diagram analysis

- Eye diagram basics.
- New method to get to your Eye results faster.

Jitter and Noise Analysis

- Motivation for Jitter and Noise Analysis.
- Advanced tools for Jitter and Noise measurements to find root causes.

Compliance Measurements

- Why do Compliance Measurements.
- How to use Rohde & Schwarz Scope Suite software for Compliance.

De-embedding

- What is De-embedding?
- How and why to use.

Embedding and Equalization

- Embedding - up to 5 user-configurable components.
- Emulate pre-distortion (Pre-emphasis and De-emphasis) on transmitter side (Tx) and emulate various equalizer types on receiver side (Rx).

