



# TEKTRONIX INNOVATION FORUM

Engineering the Future

EMEA

**DATES:** TUESDAY JUNE 22 & WEDNESDAY JUNE 23  
**TIME:** 14:00 - 18.35 CEST

We are excited to invite you to the Tektronix Innovation Forum – a two-day event offering the latest developments in testing technology, and a glimpse into future trends. From the novice to the experienced engineer, from the lab to the fab to the field, the 2021 Tektronix Innovation Forum is your chance to hear from and speak to experts, while you gain practical advice you can apply today.

HOUR (CEST)	DAY 1			
14:00 - 14:15	KICKOFF & WELCOME - Tami Newcombe			
14:15 - 15:00	Keynote			
15:00 - 15:30	<b>Presentation</b> Wide Bandgap Semiconductors: Paving the Future to Energy-Efficiency and Access to the Grid	<b>Presentation</b> Using Commercial Off The Shelf (COTS) Signal Generators for RADAR Testing and Emulation	<b>Smart Bar</b> Getting Started with Oscilloscope Automation and Python	<b>Smart Bar</b> Radiated Emissions Troubleshooting with an Oscilloscope
15:30 - 16:00	<b>Presentation</b> Probing Innovation at Tektronix: Past Breakthroughs and Future Developments	<b>Panel Discussion</b> Power Electronics and Market Technology Trends	<b>Demo &amp; Discussion</b> Spectrum View: A New Way of Analyzing Signals across Time, Frequency and Digital Domains on the 4/5/6 Series MSO Oscilloscopes	<b>Smart Bar</b> Touch, Test, Invent: Keithley Touchscreen UI
16:00 - 16:15	WELLNESS BREAK - Ergonomics of Working from Home			
16:15 - 16:45	<b>Application Presentation</b> Wide Bandgap Applications and Validation Test Challenges	<b>Panel Discussion</b> PCIe Gen5, Gen6 Development and Contrast to IEEE 802.3ck Electrical Ethernet	<b>Panel Discussion</b> 5G mmWave Architecture and Phase Array Beamforming Technology	<b>Smart Bar</b> Tips and Tricks for Proper Probing
16:45 - 17:15	<b>Application Presentation</b> Inverter and Motor Drive Test Challenges			
17:15 - 17:30	WELLNESS BREAK - Busy Me or Best Me - You Choose!			
17:30 - 18:00	<b>Panel Discussion</b> Diagnosing Jitter Caused by Power Integrity Problems	<b>Demo &amp; Discussion</b> PAM4 Transceiver Characterization	<b>Demo &amp; Discussion</b> Working Remotely with Tektronix Scopes	<b>Demo &amp; Discussion</b> How-to Guide for Using the Pulse Measurement Suite in the RSA and SignalVu
18:00 - 18:30			<b>Demo &amp; Discussion</b> 3 Series MDO: the 6 in One Tool Kit	<b>Smart Bar</b> Clock Recovery: Theory and Practice 101
18:30 - 18:35	WRAP UP DAY 1			



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HOUR (CEST)	DAY 2			
14:00 - 14:15	KICKOFF & WELCOME - Chris Witt			
14:15 - 15:00	TO THE FUTURE, FROM THE INSIDE			
15:00 - 15:30	<b>Demo &amp; Discussion</b> Tektronix USB4 and TBT3/4 Compliance Solution Overview and Demo	<b>Panel Discussion</b> The Future of Electrical and Computer Engineering Teaching Labs	<b>Demo &amp; Discussion</b> MIMO Processing Using the MSO for Beamforming Analysis	<b>Smart Bar</b> Best Practices in Using Tektronix's IsoVu Isolated Differential Probes
15:30 - 16:00	<b>Presentation</b> New Characterization Techniques for DDR5 Memory Generation and Beyond		<b>Demo &amp; Discussion</b> Tektronix 5G Solution with Over the Air Measurement Demonstration	<b>Smart Bar</b> TDR Functionality for Power Integrity
16:00 - 16:15	WELLNESS BREAK - Micro-Practices to Feel and Perform Your Best - On Demand			
16:15 - 16:45	<b>Application Presentation</b> Automotive Wired and Wireless & RF Communication	<b>Demo &amp; Discussion</b> Basic Oscilloscope Use – How to Get the Most Out of Your Oscilloscope	<b>Demo &amp; Discussion</b> Digitizers and Acquisition Software for High Energy Physics	<b>Presentation</b> Introduction to BioFETs and BioFET Testing
16:45 - 17:15		<b>Smart Bar</b> Tx and Rx Equalizers Open the NRZ and PAM4 eyes		<b>Smart Bar</b> Using TekScope Software to Enhance the Capabilities of an Entry Level Oscilloscope
17:15 - 17:30	TOUR OF VINTAGE TEK MUSEUM			
17:30 - 18:00	<b>Presentation</b> High Volume Optical Transceiver Validation Test Solution	<b>Customer Story</b> Reimagining a 5G Solution and Vector Signal Analysis for MIMO and OTA	<b>Demo &amp; Discussion</b> How to Measure Two Port Shunt through PDN Impedance with a Scope and 4 Point Two Port Probe	<b>Smart Bar</b> Being Productive from Python with a Keithley Test Script Processor (TSP) Enabled Product
18:00 - 18:15	WRAP UP & CLOSE			

\*NOTE: schedule subject to change

Join our virtual forum for a unique variety of formats to interact with industry experts, experience product demos, get 1:1 how-to application instructions and drop-in on unique 'smart bars' for casual conversations with other engineers.

Reserve your seat today!

### Categories

- General Test & Education
- Power
- High Speed Serial Communications
- Jitter & Power Integrity
- Aerospace & Defense
- Wireless & RF
- Optical

