



TEKTRONIX INNOVATION FORUM

Engineering the Future



Dates: Wednesday June 23 & Thursday June 24

Time: 10:00AM – 3:30PM PT (1:00PM – 6:30PM ET)

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.

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Hour (PT)	Day 1			
10:00	KICKOFF & WELCOME: Tami Newcombe, President, Tektronix			
10:15	KEYNOTE: DANIEL TANI, FORMER NASA ASTRONAUT			
11:00	Presentation Wide Bandgap Semiconductors: Paving the Future to Energy Efficiency and Access to the Grid	Panel Using Commercial Off The Shelf (COTS) Signal Generators for RADAR Testing and Emulation	Smart Bar Getting Started with Oscilloscope Automation and Python	Smart Bar Radiated Emissions Troubleshooting with an Oscilloscope
11:30	Presentation Probing Innovation at Tektronix: Past Breakthroughs and Future Developments	Panel Power Electronics and Market Technology Trends	Demo Spectrum View: A New Way of Analyzing Signals Across Time, Frequency and Digital Domains on the 4/5/6 Series MSO Oscilloscopes	Smart Bar Touch, Test, Invent: Keithley Touchscreen UI
12:00	Wellness Break: Ergonomics of Working from Home			
12:15	Presentation Wide Bandgap Applications and Validation Test Challenges	Panel PCIe Gen5, Gen6 Development and Contrast to IEEE 802.3ck Electrical Ethernet	Panel 5G mmWave Architecture and Phase Array Beamforming Technology	Smart Bar Tips and Tricks for Proper Probing
13:15	Wellness Break: Busy Me or Best Me - You Choose!			
14:00	Panel Diagnosing Jitter Caused by Power Integrity Problems	Demo PAM4 Transceiver Characterization	Demo Working Remotely with Tektronix Scopes	Demo How-to Guide for Using the Pulse Measurement Suite in the RSA and SignalVu
14:30			Demo 3 Series MDO: The 6-in-One Toolkit	Smart Bar Clock Recovery: Theory and Practice 101
15:00	Day 1 Closing			
15:05	Q&A Lounges Open			



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Hour (PT)	Day 2			
10:00	KICKOFF & WELCOME: Chris Witt, VP & GM Portfolio Solutions, Tektronix			
10:15	Panel: To the Future, From the Inside			
11:00	Demo Tektronix USB4 and TBT3/4 Compliance Solution Overview and Demo	Panel The Future of Electrical and Computer Engineering Teaching Labs	Demo MIMO Processing Using the MSO for Beamforming Analysis	Smart Bar Best Practices in Using Tektronix’s IsoVu Isolated Differential Probes
11:30	Presentation New Characterization Techniques for DDR5 Memory Generation and Beyond		Demo Tektronix 5G Solution with Over-the-Air Measurement	Smart Bar TDR Functionality for Power Integrity
12:00	Wellness Break: Micro-Practices to Feel and Perform Your Best			
12:15	Presentation Automotive Wired and Wireless Communication	Demo Basic Oscilloscope Use – How to Get the Most Out of Your Oscilloscope	Demo Digitizers and Acquisition Software for High-Energy Physics	Presentation Introduction to BioFETs and BioFET Testing
12:45		Smart Bar Tx and Rx Equalizers Open the NRZ and PAM4 Eyes		Smart Bar Using TekScope Software to Enhance the Capabilities of an Entry Level Oscilloscope
13:15	A Walk-Through of the Vintage Tek Museum: Inspiring Future Engineers			
13:30	Presentation High-Volume Optical Transceiver Validation Test Solution	Customer Story Beamformer Frontends and Up-Down Converter ICs for mmWave 5G Infrastructure	Demo How to Measure Two-Port Shunt Through PDN Impedance with a Scope and 4-Point Two-Port Probe	Smart Bar Being Productive from Python with a Keithley Test Script Processor (TSP) Enabled Product
14:30	Day 2 Closing and Prizes			
14:45	Q&A Lounges Open			

*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!

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