



TEKTRONIX
INNOVATION FORUM

Engineering the Future Starts Here

12-15 June 2023

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Sessions:			
12-Jun	Who Will Be Driving on the Road of the Future?	Chris Gerdes	Automotive
12-Jun	Battery DCIR at Your Fingertips: Three Steps to Measure DCIR with Keithley Touchscreen SMUs	Liz Makley	Automotive
13-Jun	What Is Driving the Power Electronics Market?	Ana Villamor	Power
13-Jun	How Silicon Carbide Is Powering the Electric Vehicle Revolution	Dr. Peter Gammon	Power
14-Jun	Ground Loops: What They Are, Why We Care, and How to Fix Them	Steve Sandler	Power
14-Jun	Electric Vehicle Charging Landscape: What's Ahead in Direct Current Fast Charging?	Nathan Yang; Denis Solomon	Automotive
15-Jun	PCIe 6.0 Panel Discussion: Designing for the Future with 64 GT/s and Beyond	David Bouse; Hiroshi Goto; Madhumita Sanyal	Communications
15-Jun	Double Pulse Testing: Smart Probing OR Cable Monster?	Masashi Nogawa	Power



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12-Jun	On-Demand	Multi-Channel Radar Part 1: Radar Signal Generation and Sequencing	Alejandro Buritica ; Alex Krauska	RF/Wireless
12-Jun	On-Demand	Multi-Channel Radar Part 2: Signal Capture and analysis	Dylan Stinson; Koteshwara Raju	RF/Wireless
12-Jun	On-Demand	DC Measurement Refresher: Avoiding Common Errors	Brad Odhner	Fundamentals
12-Jun	On-Demand	Choosing the Right Oscilloscope Probe for Accurate Switching Voltage Measurements on Power Converters	Yogesh Pai	Fundamentals
12-Jun	On-Demand	Road to Ignition: Improving Pulse Shaping at NIF	Ken Wells, Tektronix; Apurva Shantharaj Gowda, LLNL	Power
12-Jun	On-Demand	Understanding USB4 v2.0 and the Challenges of PAM3 Signaling for Physical Layer Testing	Nitin Jhanwar	Communications
12-Jun	On-Demand	Addressing New DisplayPort v2.1 Testing Challenges	Gary Simonton	Communications
12-Jun	On-Demand	Addressing Test Challenges of LPDDR5X Memory	Joe Swelland	Communications
12-Jun	On-Demand	New Test Techniques for Brushless Direct Current Motors	Srikrishna N.H	Power
12-Jun	On-Demand	Lessons From Mars and Beyond	Jordan Evans	
12-Jun	On-Demand	Lifelong Learning AI, Super-Turing Computing, and the Brain	Hava Siegelmann	