



The Mobile Measurement Lab is rolling your way.

Four hands-on workshops

Application engineers on site

Problem-solving for real test challenges

Spend a day in the **Mobile Measurement Lab** and get your hands on the latest test equipment from Agilent. Four workshops allow you to **take real-life measurements** and address the types of test challenges you face every day. Here's your chance to test-drive Agilent instruments, and **work with application engineers** who know the instruments, understand your challenges, and can help with tips, techniques, and problem-solving. It's one of the most productive days you'll spend this year.

Save your spot, register today.

To see when the MLAB will be in your area and to register to attend, visit www.agilent.com/find/MLAB.

Hurry, space is limited.

AGENDA

A.M. SESSIONS	9:00-9:15	Welcome & Logistics	
	9:15-10:30	Hands-on LAB 1 Advanced analysis with oscilloscopes	Learn how to take advanced measurements with Agilent Infiniium oscilloscopes and discover how this advanced technology solves complex, everyday test challenges. <ul style="list-style-type: none"> • Run math functions including gating and nested functions for advanced analysis • Conduct advanced analysis for frequency domain measurements • Make jitter measurements to characterize your signals • Use new tools to create better documentation faster
	10:45-12:00	Hands-on LAB 2 Network and impedance analysis	Discover how Agilent ENA Series network analyzers drive down the cost of test while ensuring the performance of mission-critical components for wireless communication, computer, automotive, and medical applications. <ul style="list-style-type: none"> • Make S-parameter measurements including 2-port full calibration with an RF network analyzer • Make impedance measurements • Conduct equivalent circuit analysis for extracting C-R-L parameters of a capacitor (series-thru method)
12:00-1:15		LUNCH & LEARN	PRODUCT FAIR: Featuring PNA-x, PXA, MXG, InfiniiVision Scopes, VSA/VSG
P.M. SESSIONS	1:15-2:30	Hands-on LAB 3 Signal analysis and signal creation	Learn how the latest wireless and Aerospace/Defense technologies can be tested using state-of-the-art signal generators and signal analyzers combined with waveform creation and analysis tools. <ul style="list-style-type: none"> • Use your signal analyzer to measure frequency drift, signal-to-noise ratio and channel power. • Generate and demodulate a pulsed FM chirp. • Create a single-carrier LTE signal and measure Adjacent Channel Leakage (ACLR). • Create a multi-standard radio signal and measure Error Vector Magnitude (EVM).
	2:45-4:00	Hands-on LAB 4 Portable RF and microwave testing	Learn how to make RF and microwave measurements with benchtop accuracy using the Agilent FieldFox Handheld Combination Analyzer. <ul style="list-style-type: none"> • Conduct cable and antenna test: RF line sweeping, distance to fault, return loss and insertion loss test of RF cables • Conduct spectrum analysis: signal analyzer measurements and interference analysis • Conduct RF pulse analysis: use a peak power sensor and spectrum analyzer to measure an RF pulse
4:00-4:15		CLOSE	



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