



<b>10:00</b>	Multiple-Input and Multiple-Output (MIMO) and Beam Steering Modeling in the VSS System Simulator in Support of 5G Applications	Gent Paparisto, <i>National Instruments / AWR</i>
<b>10:20</b>	Demystifying Phase Coherent Signal Generation	Lawrence Wilson, <i>Rohde &amp; Schwarz USA, Inc.</i>
<b>10:40</b>	Using a Vector Network Analyzer as a Multi-Purpose Tool	Ben Maxson, <i>Copper Mountain Technologies</i>
<b>11:00</b>	24GHz Radar Technology Enables Next Generation Motion, Position and Velocity Sensors	Patrick Walsh, <i>Analog Devices, Inc.</i>
<b>11:20</b>	A Class-F High Efficiency 1.2kW GaN HEMT On SiC Transistor for IFF/SSR Applications	James Custer, John Walker and Tom Kole, <i>Integra Technologies, Inc.</i>
<b>11:40</b>	Novel RF DAC Enables Simpler Transmitter Architectures for 5G	Eben Dwobeng, <i>Texas Instruments</i>
<b>12:00</b>	Testing 5G: OTA and the Connectorless World	Dr. Malcolm Robertson, Keynote <i>Keysight Technologies</i>
<b>12:40</b>	Simulation and Modeling of Large Scale Phased Array Systems	Frank Ditore, <i>Keysight Technologies</i>
<b>13:00</b>	The Impact of Final Plated Finishes on High Frequency Performance of PCB's	John Coonrod , <i>Rogers Corp.</i>
<b>13:20</b>	Silver Metallization and Selective Metallization by Spraying	Koen Staelens, <i>Jet Metal Technologies</i>
<b>13:40</b>	mmWave Test Architectures: Superhet, Direct-Conversion or Hybrid Designs - Which will Dominate?	Christopher Nils White, <i>National Instruments</i>
<b>14:00</b>	7 Habits of Highly Successful S-Parameters (How to Successfully Simulate Those Pesky S-Parameters in a Time Domain Simulator)	Tawna Wilsey, <i>Cadence Design Systems, Inc.</i>
<b>14:20</b>	Improving Antenna Efficiency with Ultra Low Loss PREPERM® Materials	Dr. Antti Helminen, <i>PREMIX Oy</i>
<b>14:40</b>	Low Phase Noise Amplifiers for LO Systems	Paul Blount, <i>Custom MMIC</i>
<b>15:00</b>	Transmitter Measurements using non-CW Stimulus	Kay-Uwe Sander, <i>Rohde &amp; Schwarz USA, Inc.</i>
<b>15:20</b>	TPS Compatible Tech Insertion in 15 Minutes with LibertyG	Ross Smith, Michael Spinali, <i>RADX Technologies, Inc.</i>
<b>15:40</b>	LTE Signal Characterization and Power Measurements	John Ghabra, <i>Boonton (Wireless Telecom Group)</i>
<b>16:00</b>	AlGaAs PIN Diodes and HMIC Integration Create High Performance mmWave Switch Solutions	Joe Bukowski, Ray Baker, <i>MACOM</i>
<b>16:20</b>	A Fast Switching Multi-offset PLL Synthesizer with Reduced Phase Noise	Dr. Alexander Chenakin, <i>Micro Lambda Wireless, Inc.</i>
<b>16:40</b>	All-Electronic Phased Array Design Challenges	Eamon Nash, <i>Analog Devices, Inc.</i>