



**NI AEROSPACE AND DEFENSE EXCHANGE - NOVEMBER 10, 2020**  
 Live Schedule - (GMT +01:00) Central European Time

LIVE SESSIONS - Engagement Hub (15 min to 1 hour)		LIVE BREAKOUT DISCUSSIONS - Networking Room (45 min)			
2:00–2:30 p.m.	<b>Deploying Multichannel COMINT Systems with COTS Hardware and Software</b> Lars Hedlund, Novator Solutions				
2:30–3:00 p.m.		<b>Demo - Wideband Spectral Monitoring Using USRP N320/1 with RF Network on Chip (RFNoC)</b> Jeremy Twaits, NI; Haydn Nelson, NI	<b>Build vs. Buy: How can I add LabVIEW development capacity to my team?</b> Discussion facilitated by Nancy Henson, NI	<b>Hardware-in-the-Loop Test</b> Discussion facilitated by Brandon Steele, NI	
		<b>Demo - Rapid Radar Prototyping with USRP E320 and Open Source Tools</b> Jeremy Twaits, NI; Haydn Nelson, NI			
3:00–3:30 p.m.	<b>Modern Radar/EW System Level Testing</b> Massimo Sciotti, Elettronica			<b>System and Data Management</b> Discussion facilitated by Penny Merian, NI; Ray Hsu, NI	
3:30–4:00 p.m.	<b>How System on Demand supports the agile development of Urban Air Mobility concepts</b> Frank Heidemann, SET	<b>Demo - High speed streaming and real time spectrum analysis with UHD 4.0</b> Jeremy Twaits, NI; Haydn Nelson, NI	<b>SDR in Defense: A discussion on Application to Implementation</b> Discussion facilitated by Haydn Nelson, NI		
		<b>Demo - Testing ARINC 818 Communication with NI and New Wave DV</b> Ben Robinson, NI			
4:00–4:45 p.m.	<b>NI Aerospace &amp; Defense Exchange Keynote Presentation:</b> Welcome and Introduction - Luke Schreier - Vice President and General Manager, Aerospace/Defense/Govt Business, NI Making Test an Integral Part of Digital Transformation - Mike Santori, Technology Fellow, NI Supply Chain Analytics and Provenance Network - Michael Schuldenfrei, Technology Fellow, Optimal Plus				
5:00–5:30 p.m.	<b>Model-Based Systems Engineering for Increased Efficiency (45 minutes)</b> Chris Bakker, Tech180; Frank Heidemann, SET	<b>Accelerate Business Impact Through Test</b> Chad Ruwe, NI	<b>Supply Chain Assurance and the Provenance Network</b> Discussion facilitated by Michael Schuldenfrei, Optimal Plus	<b>Obsolescence Management Strategies</b> Discussion facilitated by Ben Robinson, NI	<b>System Integration Laboratory (SIL) Challenges</b> Discussion facilitated by our sponsor Bloomy
5:30–6:00 p.m.		<b>Merging Model-Based Engineering and Testing to Master Risk</b> Dr. Edward Kraft			
6:00–6:30 p.m.			<b>Design and Test Challenges for Cognitive EW Systems</b> Discussion facilitated by Rob Bauer, NI		
6:30–7:00 p.m.	<b>Reduce the Risk and Cost of Structural Test with NI</b> Steve Summers, NI	<b>Why Test Standardizations Fail, And What To Do About It</b> Allen Howard, NI			
7:00–8:00 p.m.	<b>Leveraging Automated Test to Fully Enable Digital Engineering</b> Dr Edward Kraft, USAF Retired Joe Burnside, Sandia National Labs Paul Barnard, MathWorks Mike Santori, NI				

[For abstract and full list of on-demand sessions, please click here.](#)