

2018 APEX USER CONFERENCE AGENDA

DoubleTree by Hilton Hotel Nashville Downtown

315 4th Avenue North, Nashville, Tennessee, 37219

MONDAY, March 19 –Vendor setup

2:00 pm – 6:00 pm	VENDOR REGISTRATION & SETUP – MAIN CONFERENCE ROOM– NASHVILLE BALLROOM
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TUESDAY, March 20 – Training Registration & Welcome Reception

8:00 am – 9:00 am	BREAKFAST - MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
8:00 am – 12:00 pm	ATTENDEE REGISTRATION
9:00 am – 10:30 am	TRAINING: Allocation Theory and Overview Learn the science behind finite element method as it relates to sensor placement and measurement. This session includes training on computing displacement output in FEA, strain computation, stress recovery, optimization, genetic algorithm and constitutive relationships as well as many other topics.
10:30 am – 10:45 am	BREAK- MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
10:45 am – 12:15 pm	TRAINING: Acquisition Theory and Overview This training session explores several important aspects of digital data acquisition, filtering and signal conditioning including digitizing, anti-aliasing, digital filters, hardware selection and capabilities.
12:15 pm – 1:15 pm	LUNCH- MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
1:15 pm – 2:45 pm	TRAINING: Analysis Theory and Overview This training session covers the ins and outs of dynamic data signal processing, analysis and trending and will review topics such as window functions, block sizes, tach processing, order domain theories, collections, trending and noise strategies as well as many other areas of signal processing.
2:45 pm – 3:00 pm	BREAK- MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
3:00 pm – 4:30 pm	TRAINING: Aeromechanics History and Testing Learn the history of aeromechanics, review test planning and success criteria.
4:30 pm - 5:30 pm	EXHIBITS OPEN – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
6:00 pm – 9:00 pm	WELCOME TO NASHVILLE RECEPTION & DINNER Join us at the Iconic Wildhorse Saloon - 120 2nd Ave N, Nashville, TN 37201

WEDNESDAY, March 21– Keynote & Product Feature Deep Dives

8:00 am – 9:00 am	BREAKFAST & EXHIBITS – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
8:00 am – 9:00 am	ATTENDEE REGISTRATION	
9:00 am – 11:30 am	KEYNOTE– MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
11:30 am – 12:45 pm	LUNCH AND EXHIBITS – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
12:45 pm – 4:15 pm	PRODUCT FEATURE DEEP DIVES	
	BREAKOUT ROOM #1 TN BALLROOM A	BREAKOUT ROOM #2 TN BALLROOM B
12:45 pm- 1:30 pm	DX PROCESS DESIGNER OVERVIEW Explore all of the features available with our DX Process Designer and how they can improve your data analysis process.	DATA ACQUISITION API OVERVIEW In this double breakout session learn about the various software interface points to DS available with our extensive API, how to integrate with them and the benefits our API provides.
1:30 pm – 2:15 pm	DX VIEW CANVAS OVERVIEW Explore all of the features available with our DX View Canvas and how they can improve your data analysis process.	
2:15 pm – 2:30 pm	AFTERNOON BREAK – HARTMAN GALLERY	
2:30 pm – 3:15 pm	WHY LUA FOR SCRIPTING? We get asked this question a lot and this session will answer it! Learn what LUA is, how it compares to MATLAB and why APEX uses LUA for our scripting product.	TEST EXECUTIVE OVERVIEW Learn how to setup and control large tests with many autonomous data acquisition units easily and efficiently with our new APEX Test Executive.
3:15 pm – 4:00 pm	SCRIPTING OVERVIEW Scripting is a powerful APEX tool and in this deep dive we will review how our scripting product interacts with GageMap and DX and what benefits it can provide.	DATA MANAGEMENT AND COMPRESSION Explore how APEX products help you deal with big data using our FM product and new compression technology.
4:00 pm – 5:00pm	EXHIBITS OPEN –MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
5:00 pm – 6:00 pm	VENDOR COCKTAIL RECEPTION – PATIO 315 Join all of our exhibitors for a cocktail reception at Patio 315 before heading out on the town. This outdoor space provides an amazing atmosphere to meet our exhibitors, network with our staff and other attendees and enjoy live music, an open bar and passed hors d'oeuvres.	

THURSDAY, March 22 – Deep Dives & Industry Trends

8:00 am – 9:00 am	BREAKFAST & EXHIBITS – MAIN CONFERENCE ROOM	
9:00 am – 12:15 pm	PRODUCT FEATURE DEEP DIVES	
	BREAKOUT ROOM #1 TN BALLROOM A	BREAKOUT ROOM #2 TN BALLROOM B
9:00 am – 9:45 am	ORDER TRACKING ANALYSIS WITH DX Explore the latest DX Rotating Machinery toolkit which provides order tracking analysis features including Bode, order z-mod and order tracking plots.	UNDISCOVERED FEATURES OF DS Discover some of the lesser known features of our DS data acquisition product and learn how those features can improve your test operations.
9:45 am – 10:30 am	ADVANCED RESPONSE ANALYSIS Discover how to use DX collection techniques to analyze data from entire test programs efficiently.	UNDISCOVERED FEATURES OF BT Discover some of the lesser known features of our BT Offline Analysis product and learn how those features can improve your analysis process.
10:30 am – 10:45 am	MORNING BREAK – HARTMAN GALLERY	
10:45 am – 11:30 am	DEALING WITH SIGNAL NOISE Explore the many filtering and noise flagging options available in our DX Offline Analysis product.	UNDISCOVERED FEATURES OF GAGEMAP Discover some of the lesser known features of our GageMap product and learn how those features can benefit your allocation and analysis process.
11:30 am – 12:15 pm	LIMITS OVERVIEW – JOINT SESSION - MAIN CONFERENCE ROOM Limits are the glue that connects all the APEX products together to form an advanced analysis process. This joint session will cover how limits interact with each of our products and training on specific benefits limits can provide. We will follow a limits file from creation in GageMap to Acquisition with DS to analysis in DX.	
12:15 pm – 1:30 pm	LUNCH AND EXHIBITS – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
1:30 pm – 4:00 pm	INDUSTRY TRENDS AND DEVELOPMENT INPUT MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
4:00 pm – 5:00 pm	EXHIBITS OPEN – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM	
6:00 pm – 8:00 pm	CLOSING DINNER ROCK BOTTOM BREWERY - 111 Broadway, Nashville, TN 37201	

FRIDAY, March 23 – APEX Product Q & A

8:00 am – 9:00 am	BREAKFAST – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
8:00 am – 12:00 pm	VENDOR TEAR DOWN
8:00 am – 12:00 pm	<p>TRAINING WITH OUR DEVELOPMENT & ENGINEERING TEAM</p> <p>Schedule a time to meet with our development and engineering team for one on one training. They can answer your specific questions regarding our solutions and provide training as needed. This is a great opportunity to receive free personalized training from our developers.</p>
8:00 am – 12:00 pm	<p>DEVELOPMENT STEERING MEETINGS WITH OUR EXECUTIVE TEAM</p> <p>Schedule a time to meet with Dr Kurt Nichol and other members of our executive team to discuss our solutions in a one on one setting. This is a great opportunity to ask company specific questions or discuss any feature requests or development input your company would like to request.</p>
11:30 am – 12:30 pm	LUNCH – MAIN CONFERENCE ROOM – NASHVILLE BALLROOM
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