

AGENDA - 2018 Airlines for America Nondestructive Testing Forum

Monday – September 17, 2018

8:30-1500		SAE AMS K Meeting - Nondestructive Methods and Processes Committee	Snoqualmie 1
From 11:00		REGISTRATION	Evergreen Foyer
15:00		NDT Network Meeting	Snoqualmie 2
18:00		EXHIBIT HALL OPENS	Evergreen Ballroom
18:00-20:00		A4A WELCOME RECEPTION IN EXHIBIT HALL	Evergreen Ballroom

Tuesday – September 18, 2018

From 7:00		REGISTRATION	Evergreen Foyer
7:00		Southwest Airlines Breakfast	Evergreen Ballroom
7:00		Exhibit Hall Opens	Evergreen Ballroom
8:00		2018 NDT FORUM OPENING SESSION <i>Greg McDonald, A4A NDT Network Chair, Alaska Airlines</i>	Washington Ballroom
8:15		Welcome Keynote – Jovonia Taylor, B767 Chief Program Engineer – Boeing – <i>The Impact of NDT: Boeing Production System and In-Service Aircraft Support</i>	
9:00		<i>A Resonance Base Approach for Life Monitoring of Fan Blades – Lemna Hunter – Vibrant</i>	
9:30		<i>NDT Landscape: NDT-Smartphones & NDT Mixed-Reality – Alvaro Tejedor – Airbus</i>	
10:00		NDI Consultants Refreshment Break	Evergreen Ballroom
10:45		Product Technology Showcase – <i>ETher NDE – John Hansen</i>	
11:00		<i>Survey of Nondestructive Inspection Training – Ken Working – FAA</i>	
11:30		<i>Wichita State Inspection and Teardown of Aged In-Service Bonded Repairs – Brandon Saathoff – Wichita State – NIAR</i>	
12:00		UAL and Barfield Buffet Lunch	Atrium
13:00		Dessert and Coffee – American Airlines	Evergreen Ballroom

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Tuesday – September 18, 2018 (continued)

13:30		<i>Advances in Large Scale Thermography – Steven Shepherd – Thermal Wave Imaging</i>	
14:00		<i>Flaw Detection Capabilities in Aerospace with Eddy Current Array Technology – Jesse Herrin – Zetec</i>	
14:30		Product Technology Showcase – Testia - Bastien Ehrhart	
14:45		<i>Effects Temperature Has on UT Thickness Testing – Dorsey Perkins – Southwest Airlines</i>	
15:15		JetBlue Refreshment Break	Evergreen Ballroom
15:45		Product Technology Showcase – Duerr NDT – Steve Jelfs	
16:00		<i>Eddy Current Array for Aircraft Engine Component Inspection – Andre Lamarre – Olympus</i>	
16:30		<i>Migrating from Traditional to Digital Radiography in Aerospace - Lennart Schulenburg – VisiConsult</i>	
17:00		<i>The Need for Aviation Specific NDT Refresher Training For In-Service Inspections – Tim Kinsella – Dassault/Falcon</i>	
18:00		HOSPITALITY SUITES OPEN	Room List Available at Registration Desk

Wednesday – September 19, 2018

From 7:00		REGISTRATION	Evergreen Foyer
7:00		Vibrant Breakfast	Evergreen Ballroom
7:00		Exhibit Hall Opens	Evergreen Ballroom
8:00		2018 NDT FORUM DAY TWO OPENS <i>Greg McDonald, A4A NDT Network Chair, Alaska Airlines</i>	Washington Ballroom
8:05		Welcome	
8:10		16th Annual A4A/SAE NDT Innovation Award Presentation – Robert Ireland – A4A, Greg McDonald, Alaska Airlines	
8:45		<i>Predicting Bond Performance Through Nondestructive Testing – Brook Campbell – BTG Labs</i>	

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Wednesday – September 19, 2018 (continued)

9:15		Product Technology Showcase – <i>Secu-Chek</i> – <i>Marc Breit</i>	
9:30		<i>SHM implementation Options on Commercial Airplanes</i> – <i>Alydin Akdeniz</i> – <i>Boeing</i>	
10:00		Product Technology Showcase – <i>Olympus Corporation of the Americas</i> – <i>James Bittner</i>	
10:15		American Airlines Refreshment Break	Evergreen Ballroom
11:00		<i>SHM Utilization – Validation, Certification and Airline Perspective for Implementation</i> – <i>Dennis Roach, David Piotrowski and Paul Swindell</i> – <i>Sandia National Laboratories, Delta Air Lines, and FAA</i>	
12:00		Boeing Lunch	Atrium
13:00		InterTest Dessert and Coffee	Evergreen Ballroom
13:30		<i>From NDT to SHM – A Practical Approach</i> – <i>Holger Speckmann</i> – <i>Testia</i>	
14:00		<i>Recent Development of Optical Fiber Sensor Based Structural Health Monitoring for CFRP Structures in Japan</i> – <i>Noriyuki Sawai and Nobuo Taked</i> – <i>RIMCOF</i>	
14:30		Product Technology Showcase – <i>SMS and AEM</i> – <i>Trevor Lynch-Staunton</i>	
14:45		FedEx Express Refreshment Break	Evergreen Ballroom
15:30		<i>Airbus SHM-Damage Monitoring – Roadmap and Preliminary Results</i> – <i>Marie-Anne De Smet</i> – <i>Airbus</i>	
16:00		Product Technology Showcase – Structural Health Monitoring of Aerospace Vehicles using SMART Layer Technology – <i>Amirita Kumar</i> – <i>Acellent Technologies Inc.</i>	
16:15		<i>Dent Mapping Efficiencies at Delta</i> – <i>David Piotrowski</i> – <i>Delta Air Lines</i>	
16:45		Product Technology Showcase – Aerospace Industry Steering Committee on Structural Health Monitoring: an Introduction and Update on Activities – <i>Fu-Kuo Chang</i> , <i>Stanford University</i>	
17:00		SAE Committee K Update – <i>Bob Siegel</i> – <i>Committee K Chairman</i>	
18:00		Hospitality Suites Open	Room List Available at Registration Desk

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Thursday, September 20, 2018

From 7:00		REGISTRATION	Evergreen Foyer
7:00		A4A CONTINENTAL BREAKFAST	Washington Ballroom
8:00		2018 NDT FORUM DAY THREE NDT Network Chair's Report <i>Greg McDonald – Alaska Airlines</i>	Washington Ballroom
8:15		<i>A Review of 3D Scanner Capabilities Beyond Dent Mapping: From Maintenance to Surveys and AOGs – Mark Maizonnasse – Creaform</i>	
8:45		<i>Utilizing Computed Tomography as NDT Technique in Additive Manufacturing – Jens Luebbehuesen – GE Sensing & Inspection Technologies</i>	
9:15		<i>Utilizing Augmented Reality to Enhance Nondestructive Testing and Inspection – Larry Culbertson – NDT Solutions</i>	
9:45		<i>Evolution of the Airbus NTM's to Include Recent Developments in NDT Technologies – John Talbot – Airbus</i>	
10:15		TechnaNDT Refreshment Break	Washington Ballroom
11:00		<i>Advancements in Remote Visual Inspection (RVI) – High Definition (HD) Fully Surfaced 3D Indication Analysis Local Assessment with Real-Time Collaboration – Paul Thompson – GE Inspection Technologies</i>	
11:30		A4A "Roll Call" – Group Discussion of Airline "Hot Issues" <i>Moderated by Greg McDonald, Alaska Airlines</i>	
12:00		Grand Prize Drawing – Sponsored by EC NDT LLC and Forum Wrap Up	
12:10		Alaska Airlines Boxed Lunch	Washington Ballroom
13:00		Alaska Airlines Facility Tour	