

Monday – September 22, 2014

8:30-1500		SAE AMS K Meeting - Non Destructive Methods and Processes Committee	Diplomat A
From 11:00		REGISTRATION	
15:00		NDT Network Meeting	Diplomat B
18:00		EXHIBIT HALL OPENS	Embassy Ballroom - Exhibit Hall
18:00		WELCOME RECEPTION IN EXHIBIT HALL <i>Sponsored by United Airlines and Airlines for America</i>	
20:00		HOSPITALITY SUITES OPEN	

Tuesday – September 23, 2014

From 7:00		REGISTRATION	
7:00		Coffee – EXHIBIT HALL OPENS - <i>Breakfast served each morning in the hotel lobby from 6:00-9:00am</i>	Embassy Ballroom - Exhibit Hall
8:00		2014 NDT FORUM OPENING SESSION <i>Sam Tucker, A4A NDT Network Chair, United Airlines</i>	<u>Ambassador Ballroom</u> <u>(all General Sessions)</u>
8:15		Welcome, Keynote: <i>NDT Successes in a Post-Merger Environment - Mark Eldred – United Airlines</i>	
9:00		787 Inspection Update – Lessons Learned – <i>Quincy Howard – The Boeing Company</i>	Activities Orientation <i>Ms. Sherri Brooks</i> Registration Desk
9:30		Inspection Methods for Characterizing Subsurface Impact Damage in Solid Laminate Aerospace Composites – <i>Stephen Neidigk and Dennis Roach – Sandia National Labs</i>	
10:00		REFRESHMENT BREAK <i>Sponsored by InterTest</i>	Embassy Ballroom - Exhibit Hall
10:30		FAA SHM Research – <i>Paul Swindell – Federal Aviation Administration (FAA)</i>	
11:00		Validation of a Structural Health Monitoring System and Integration into an Airline Maintenance Program – <i>David Piotrowski – Delta Air Lines, Dennis Roach – Sandia National Labs</i>	
12:00		LUNCH	Atrium

12:30		Dessert and Coffee <i>Sponsored by BRL Consultants</i>	Exhibit Hall
13:00		Microwave Coating Thickness Inspection for Aerospace Composite Structures – <i>Jesse McDaniel, Malcom D. Prouty, Alan V. Bray - System & Materials Research Corporation (SMRC)</i>	
13:30		Supplemental Type Certificate NDT Inspections: Successes and Challenges – <i>Alex Melton – Delta Air Lines</i>	
14:00		FAA Roundtable – <i>Rusty Jones – Federal Aviation Administration, Sam Tucker – United Airlines</i>	
14:30		FAA Research Program – <i>David Westlund – Federal Aviation Administration</i>	
15:00		REFRESHMENT BREAK <i>Sponsored by Machida</i>	Embassy Ballroom - Exhibit Hall
15:30		NDT Certification Challenges – <i>Bryan Lancon – BRL Consultants</i>	
16:00		Airbus – A350 In-Service Damage Assessment – <i>Cedric Chamfroy - Airbus</i>	
16:30		Acoustic Emission Testing for Detection of Localized Corrosion of Aluminum 2024 in 3.5% NaCl – <i>Miguel A. Gonzalez Nunez – Mistras Group Inc.</i>	
17:00		Cryogenic Liquid Nitrogen Nondestructive Stress Testing and Portable X-ray Diffraction Systems – <i>Victor F. Sloan – Victor Aviation Service, Inc.</i>	
18:00		HOSPITALITY SUITES OPEN	

Wednesday – September 24, 2014

From 7:00		REGISTRATION	
7:00		Coffee - Breakfast served each morning in the hotel lobby from 6:00-9:00am	Embassy Ballroom - Exhibit Hall
8:00		2014 NDT FORUM DAY TWO OPENS <i>Sam Tucker, A4A NDT Network Chair, United Airlines</i>	<u>Ambassador Ballroom</u> <u>(all General Sessions)</u>
8:10		Welcome	
8:20		SAE Committee K Update <i>Tom Dreher, Rolls-Royce Corporation</i>	
8:30		12 th Annual Better Way Award Presentation	
9:00		Investigation of High Intensity UV Lights on FPI and MPI – <i>David Piotrowski, John Lee, Brad Loggins – Delta Air Lines</i>	
9:30		Use of Ultrasonic Synthetic Aperture Focusing Technology and Phased Array Technology in Boeing Commercial Airplane Applications – <i>Jeffrey R. Kollgaard, John R. Linn – The Boeing Company and Hirokazu Karasawa – Toshiba Corporation</i>	
10:00		REFRESHMENT BREAK <i>Sponsored by Machida</i>	Embassy Ballroom -Exhibit Hall
10:30		Current Airline and MRO Challenges for NDT of Composites – <i>Eric Chesmar – United Airlines</i>	
11:00		New NDI Technologies and Tools for CFRP Inspection Services – <i>Holger Speckmann – Testia GMBH, Airbus-Group</i>	
11:30		FAA Update – <i>Rusty Jones FAA</i>	
12:00		LUNCH	Atrium

12:30		Dessert and Coffee <i>Sponsored by Vibrant</i>	Exhibit Hall
13:00		Imaging Bond Testing-A Picture is Worth 1,000 Words . . and 10,000 Point Measurements When Inspecting Composites and Bonded Structures – <i>Dr. Matt Crompton – NDT Systems</i>	
13:30		Extended Reach NDI Tool – <i>Nathan Smith, Jeffrey R. Kollgaard – The Boeing Company, Mary Jensen, Fred Perrin, and Gary Brockman – UniWest</i>	
14:00		The Resonating Realities of Single Sided Ultrasonic Inspection of Metal Bonded Assemblies – <i>Larry Culbertson – The Nordam Group</i>	
14:30		Investigation of Ultrasonic Thickness Measurement for Assessing Blend Repairs – <i>Tom Dreher – Rolls Royce</i>	
15:00		REFRESHMENT BREAK <i>Sponsored by Machida</i>	Embassy Ballroom -Exhibit Hall
15:30		Quantitative Thermographic Inspection Using Step Heating – <i>Steven M. Shepard – Thermal Wave Imaging, Inc.</i>	
16:00		Bonded Repair to MD88/90 Horizontal Stabilizer – <i>Alex Melton, Bob Hager, David Piotrowski – Delta Air Lines</i>	
16:30		Laser Bond Inspection of Composite Materials – <i>David Sokol, David Lahrman – LSP Technologies, Inc.</i>	
17:00		A4A “Roll Call” – Group Discussion of Airline “Hot Issues” <i>Moderated by Sam Tucker, United Airlines</i>	
18:00		HOSPITALITY SUITES OPEN	

Thursday, September 25, 2014

From 7:00		REGISTRATION	
7:00		Coffee - Breakfast served each morning in the hotel lobby from 6:00-9:00am	Embassy Ballroom - Exhibit Hall
8:00		2014 NDT FORUM DAY THREE NDT Network Chair's Report <i>Sam Tucker, A4A NDT Network Chair, United Airlines</i>	<u>Ambassador Ballroom</u> <u>(all General Sessions)</u>
8:30		The Future of NDT and the Upcoming Paradigm Shift – <i>David Piotrowski, Alex Melton – Delta Air Lines</i>	
9:00		Fourier Transform Infrared Spectroscopy (FTIR) a New NDE Technique for Airlines NDE Inspector: Incipient Heat Damage Assessment on Composites by FTIR (Boeing 787 example) and Other Applications – <i>Frederic Prulliere, John Seelenbinder, Frank Higgins, Alan Rein – Agilent Technologies, Inc.</i>	
9:30		Enhanced Inspection Productivity with On-Device Guided Workflows - <i>Dave Jankowski – GE Energy, General Electric Company</i>	
10:00		REFRESHMENT BREAK <i>Sponsored by Olympus</i>	Embassy Ballroom - Exhibit Hall
10:30		NDT for Non-experts – <i>Jan Olav Endrerud– DolphiTech AS</i>	
11:30		57 th A4A NDT Forum Wrap Up iPad Drawing (must be registered and present to win) <i>Sponsored by EC/NDT, LLC</i>	
12:00		BOXED LUNCH <i>Sponsored by Delta TechOps</i>	
12:30		Tour Group (Busses) Depart for United Airlines Facility	