



**HOLSIP 18 Final Agenda  
Snowbird, UT  
February 10-14, 2019**

***Times are listed as a guideline and are subject to shift based on group discussion. Presenters, please be flexible!***

**Sunday, February 10**

***Welcome Dinner: 6:30-9 PM, Lodge Bistro, Pool Level of The Lodge at Snowbird***

**Monday, February 11, Cottonwood A at the Snowbird Center, Level 2 (7 AM)**

**Opening Session**

**7:15 AM** *David Forsyth*, HOLSIP Introduction, Mission and Vision

**7:45 AM** *Eric Tuegel*, Discussion on the HOLSIP process map

**Metallic Materials**

**8:30 AM** *Craig Brooks*, H65 Depot Induction

**9:30 AM** *Marcias Martinez*, Modeling of a Pencil Lead Break Acoustic Emission Source using the Time Reversal Method

**10:30 AM** *Eric Lindgren*, Future of NDE for Manufacturing

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**4:30 PM** *Min Liao and Eric Tuegel*, Airframe Digital Twin and Digital Thread, NRC and USAF/AFRL Progress (2 hour slot)

**5:30 PM ---**

**6:30 PM** *Min Liao*, New Progress of NRC Structural Integrity Projects Related to HOLSIP

**Tuesday, February 12, Cottonwood A at the Snowbird Center, Level 2 (7 AM)**

**7:15 AM** *Lucy Li*, Testing, Modelling and SHM for an adhesively bonded composite structure

**8:15 AM** *Gang Li, Guillaume Renaud and Min Liao*, Numerical Modeling and Analysis of a DCB Specimen under Mode-I Loading – A Open Modeling Challenge to TTCP

**9:00 AM** *David Forsyth*, Risk assessment for bonded joints with NDI (interactive facilitated discussion)

**9:45 AM** *Kenta Yamagiwa*, TBD

**10:30 AM** *Eric Tuegel*, APIRA (risk analysis software)

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**4:30** *Takao Okada*, Lightning Strike Damage

**5:30 PM** *Greg Dubay*, Structural Health Monitoring

**6:30 PM** *Eric Lindgren*, Discussion on NATO IVHM Specialist's Meeting

**Wednesday, February 13, Cottonwood A at the Snowbird Center, Level 2, (8 AM – 5 PMish...)**

**8:15 AM** *HOLSIP Refresher/Introduction*

**8:30 AM** *Carl Magnuson*, NDI data management and integration

**9:15 AM** *David Forsyth*, quantitative crack sizing using ET and models

**10:00 AM** *Brian Boeke*, Discussion: Fastener Joint Allowables and Substitutions

**10:45 AM** *Dallen Andrew*, A Spatial Statistics Approach for Characterizing 2D Residual Stress Fields

**11:30 AM** *Sam Zimmerman*, Data Spatial Statistical Methods for Comparing Residual Stress Fields

**1:15 PM** *Guillaume Renaud*, Plasticity Modelling for Hole Cold Expansion Residual Stress Prediction

**2:15 PM** *Steve Swift*, Holistic Standards for Holistic Projects (like ERSI)

**3:15 PM** *Pat Dwyer*, Aviation Integrity: A Holistic Perspective on the Impact of Personal Integrity on Structural Integrity (2 hour slot)

**4:15 PM** ---

***Workshop dinner at 6 PM at the Aerie Restaurant at the Cliff Lodge***

**Thursday, February 14, Cottonwood A at the Snowbird Center, Level 2 (7 AM)**

**7:15 AM** *Scott Carlson*, Structural Certification of Laser Peening for F-35 Safety Critical Forgings

**8:15 AM** *Juan Ocampo*, Risk related

**9:15 AM** *Min Liao*, Summary of the NATO AVT-303 Workshop on Corrosion Management  
--- Plus a discussion on the KC-130 propeller failure caused by IGC

**10:15 AM** --

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**4:30 PM** HOLSIP wrap-up; discussion on future plans and goals

A "rough" idea of how HOLSIP will occur...schedule is subject to change based on group discussion!

	10-Feb-19	11-Feb-19	12-Feb-19	13-Feb-19	14-Feb-19		
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Time	
700		Welcome / HOLSIP Intro	Composites and Hybrid Structures		Residual Stress	700	
900		Strategic Vision and Mission Development, Reference Terms, and Workshop Goals Metallic Materials		Side Meetings / Networking	<b>USAF "ASIP Day"</b> Structural Integrity Risk Assessment NDT Residual Stress Digital Twin/Digital Thread	HOLSIP Applications (Corrosion, Education)	900
1100		Side Meetings / Networking				Side Meetings / Networking	Side Meetings / Networking
1600		Metallic Materials	Risk Assessment			HOLSIP 2020 Planning (until 1930)	1600
1730		Evening Reception (1830)				1730	
1900			Adjourn	Adjourn	Conference Dinner (1800)	1900	
<b>Color Key</b>							