ENGINEERED RESIDUAL STRESS IMPLEMENTATION WORKSHOP 2016

Date: September 15, 2016
Location: Weber State University Downtown Campus,
2314 Washington Blvd, Ogden, UT 84401

Agenda:

07:15-07:30	Arrive and Breakfast
07:30-08:00	**Introductions, Projected Timeline, and Purpose** - *Scott Carlson, SwRI*
08:00-08:30	**The Lockheed Martin OEM Perspective to ERSI** - *Dr. Dale Ball, Lockheed Martin*
08:30-09:00	**The Boeing Company OEM Perspective to ERSI** - *Dr. Jeff Bunch, The Boeing Company*
09:00-09:30	**Analysis Methods: State-of-the-Art** - *Robert Pilarczyk, Hill Engineering*
09:30-10:00	Discussion: Future needs for analysis methods
10:00-10:10	Break
10:10-10:40	**Quantification of Residual Stress Fields via FEA Compared to Measurement** - *Keith Hitchman, FTI*
10:40-11:10	Discussion: Future needs for modeling
11:10-11:40	**Testing: Verification and Validation of Analysis Methods** - *Dallen Andrew, SwRI*
11:40-12:10	Discussion: Future needs for testing
12:10-1:10	Lunch (Open)
1:10-1:40	**NDI: Impacts of Deep Residual Stresses** - *John Brausch, USAF AFRL*
1:40-1:55	Discussion: Future needs for NDI
1:55-2:25	**Quality Assurance & Data Capture** - *Dave Forsyth, TRI-Austin*
2:25-2:40	Discussion: Future needs for QA
2:40-3:10	**Risk & Uncertainty Quantification** - *Dr. Min Liao, NRC Canada*
3:10-3:40	Discussion: Future needs for Risk & UQ
3:40-3:50	Break
3:50-4:20	**An ASIP Perspective** - *Dr. Mark Thomsen, USAF A-10 ASIP*
4:20-5:15	**ERSI General Discussion Topics** Funding ERSI Org Structure Inter-Organization Collaboration Efforts Plans for Next Year
5:15-5:30	**Closing Remarks**