

## Panel Meeting: Welding Technology Panel

Day 1 – Tuesday, 5/12/2026 (Stress Aerospace and Defense)

Time	Presentation	Speaker
7:30 AM	Breakfast/Coffee/Registration	
8:00 AM	Welcome and Introductions	Kevin Roossinck Ingalls Shipbuilding
8:15 AM	NSRP Update	Mark Smitherman ATI
8:30 AM	Intro on StressAD Capabilities	Matt Sanders Stress Aerospace and Defense
9:00 AM	Welding Technology Panel Project – Semi-Automated Stud Welding Gun (Demonstration)	Stephanie Kiffer Newport News Shipbuilding
10:00 AM	Break	
10:15 AM	Acoustic Emission Testing to Help Assess the Structural Integrity of Vessels, Tanks and Piping Systems	Storm Muir Stress Aerospace and Defense
10:45 AM	Welding Technology Panel Project - Laser Hybrid Tack Welding of Stiffeners	Jonathan Roberts Ingalls Shipbuilding
11:15 AM	Welding Technology Panel Project - Resistance Flash Butt Welding of Compensation Rings	Jonathan Roberts Ingalls Shipbuilding
11:45 AM	Fitness for Service and Case Studies	Daniel Ayewah Stress Aerospace and Defense
12:15 PM	Lunch	
1:15 PM – 3:45 PM	Tour of Stress Aerospace and Defense	Matt Sanders Stress Aerospace and Defense

## Panel Meeting: Welding Technology Panel

Day 2 – Wednesday, 5/13/2026 (Stress Aerospace and Defense)

Time	Presentation	Speaker
7:30 AM	Breakfast/Coffee	
8:00 AM	Precision in Practice: Integrating Laser Scanning	Brandon McGinn & Garett Kaiser Stress Aerospace and Defense
8:30 AM	Welding Technology Panel Project – Training Modules for NAVSEA Technical Publications	Lynn Showalter Newport News Shipbuilding
9:00 AM	Panel Project Submission Tutorial	Kevin Roossinck Ingalls Shipbuilding
9:30 AM	Auto Path-Planning	Jim Hansen EWI
10:00 AM	Break	
10:15 AM	Naval Additive Manufacturing: A Guide to Material Testing and Performance Verification	Sara Henson and Jackson Miller Stress Aerospace and Defense
10:45 AM	Lincoln Electric Additive Manufacturing	Mark Douglass Lincoln Electric
11:15 AM	For the Good of the Panel-Wrap Up	Kevin Roossinck Ingalls Shipbuilding
11:45 AM	Lunch-Adjourn	