

NSRP | National Shipbuilding Research Program

Joint Welding Technology and Electrical Technologies Panel Meeting

Electric Power Research Institute (EPRI)

Building #1

1300 West WT Harris Blvd

Charlotte, NC 28262

Meeting Agenda

* Times listed are Eastern Time Zone

Day 1 – Tuesday, 9/17/2024

Time	Presentation	Speaker
7:30 AM	Breakfast	
8:00 AM	Convene Meeting	
8:00 AM	Welcome & Introductions	Kevin Roossinck, Welding Technology Panel Chair Jason Farmer, Electrical Technologies Panel Chair
8:15 AM	NSRP Update	ATI
8:30 AM	Welcome to the Electric Power Research Institute (EPRI)	Mike Ruszkowski/David Scott, EPRI
9:00 AM	Business Technologies Panel Project – Optimized Weld Records Phase Two	Megan Brinker, TruSolutions
9:30 AM	Distributed Temperature Sensing (DTS) Integration into Ship Electrical Plant Monitoring and Controls for CBM	Gio Tomasi, RSL Fiber Systems
10:00 AM	Break	
10:15 AM	Laser Ablation of Preconstruction Primer	Melissa Klingenberg, ARL/Penn State
10:45 AM	Welding Repair Technology Center Overview Plant Reliability and Resilience Overview	Nick Mohr, Drew Mantey/Sami Debass, EPRI
11:30 AM	NAVSEA 05Z3 Update	TBD
12:00 PM	Lunch	

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Day 1 (Continued)

Time	Presentation	Speaker
1:00 PM	Navy Fiber Optic Specs and Standards Update	Chis Good, NSWC Dahlgren Division
1:30 PM	Panel Project Update: Fiber Optic Testing Enhancement for Cost Reduction	Dan Morris, KITCO Fiber Optics
2:00 PM	Adaptive Feedback Welding	Shems Belhout/Jon Tatman, EPRI
2:20 PM	Temper Bead Welding Research	Steve McCracken, EPRI
2:40 PM	Additive Manufacturing Research	Stephen Tate, EPRI
3:00 PM	Break	
3:15 PM	Enhanced Arc-Fault Detection for Shipboard Electrical Systems Using Advanced Sensor Fusion Technology	Phillip Pong, NJIT
3:45 PM	Welding Panel Project – Precision Welding Technique	Jim Hansen, EWI
4:30 PM	Adjourn	

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Day 2 – Wednesday, 9/18/2024

Time	Presentation	Speaker
7:30 AM	Breakfast	
8:00 AM	Convene Meeting	
8:00 AM – 10:30 AM	Tour of EPRI	
10:30 AM	Installation Resistance Testing	Jim Sharkey, EPRI
10:50 AM	Breaker Maintenance Research	Jim Sharkey, EPRI
11:10 AM	Cables Research Overview	Ilya Goldberg, EPRI
11:30 AM	Panel Project Update: Plug and Play Cobots	Paul Blomquist, EWI
12:00 PM	Lunch	
1:00 PM	Panel Project Update: Lighting on Naval Ships DOD-HDBK-289(SH) Modernization Support Effort	Gio Tomasi, RSL Fiber Systems
1:30 PM	NAVSEA Update: Welding Technical Authority Organizational Structure	Kyle Lamone, NSWCCD
2:00 PM	248 Rev 1 Robot Qualification Clarification	Jon Sweeney Newport News Shipbuilding
2:30 PM	Panel Project Update: Handheld Laser Welding	Nate Rindal, Schweitzer Engineering Laboratories
3:00 PM	Producing Savings through Portable Welding Technology	Jeremy Brouger, ATI
3:30 PM	For the Good of the Panel / Open Discussion	All
4:00 PM	Adjourn	

