

NSRP | National Shipbuilding Research Program

2019 NSRP All Panel Meeting

Charleston, SC

March 12-14, 2019

AGENDA

Tuesday, March 12, 2019

7:00	CONTINENTAL BREAKFAST <i>Carolina A & B Pre-function Areas</i>
8:00	GENERAL SESSION <i>Carolina Ballroom</i>
8:00	Welcome and Meeting Overview – Stephen Duca, Executive Director, National Shipbuilding Research Program
8:15	Keynote Address – Tim Glinatsis, Executive Control Board Chair, Vice President of Engineering – GD Bath Iron Works
8:45	Keynote Address – Erik Oller, Program Manager, National Shipbuilding Research Program – NAVSEA 06N
9:15	Keynote Address – John Carney, Director, Navy ManTech Program – Office of Naval Research
9:45	BREAK <i>Carolina A & B Pre-function Areas</i>
10:00	GENERAL SESSION <i>Carolina Ballroom</i>
10:00	State of the Panel – Electrical Technologies – Jason Farmer, Panel Chair – Ingalls Shipbuilding
10:10	State of the Panel – Ship Design and Material Technologies – Alicia D’Aurora Harmon, Panel Chair – Newport News Shipbuilding
10:20	State of the Panel – Environmental – Kyle Hopf, Panel Chair – HII-Technical Solutions
10:30	State of the Panel – Planning, Production Processes and Facilities – Ken Fast, Panel Chair – GD Electric Boat
10:40	State of the Panel – Risk Management – Thresa Nelson, Panel Chair – Newport News Shipbuilding



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10:50	State of the Panel – Business Technologies – Virgel Smith, Panel Chair – Ingalls Shipbuilding			
11:00	State of the Panel – Workforce Development – Anna Bourdais, Panel Chair – Ingalls Shipbuilding			
11:10	State of the Panel – Ship Warfare Systems Integration – Perry Haymon, Panel Chair – Ingalls Shipbuilding			
11:20	State of the Panel – Welding Technology – Paul Hebert, Panel Chair – Newport News Shipbuilding			
11:30	State of the Panel – Surface Preparation and Coatings – Arcino Quiero, Jr., Panel Chair – Newport News Shipbuilding			
11:40	LUNCH (on your own)			
	TECHNICAL TRACKS			
	Ship Design & Material Technologies <i>Carolina A</i>	Ship Production Technologies <i>Carolina B</i>	Business Processes & Information Technologies <i>Gold Ballroom</i>	Infrastructure & Support <i>Calhoun</i>
1:30	TRITON: Cost Model based Optical Network Design <i>John Mazurowski</i>	CAR-W <i>Mark Schaub</i>	Digital Thread Shipbuilding – Supplier Interface* <i>Brett Cash</i>	Evaluation and Control of Beryllium Exposure in Shipyards <i>Daniel Chute</i>
2:00	Digital Deadweight Survey Project <i>Jeb Baugh</i>	Robotic Process for Installing Hull Inserts* <i>Joseph Meeker and Ryan Taylor</i>	LiftShip <i>Pat David</i>	Improving Workforce Development Initiatives Using Augmented Reality Technology <i>Mia Joe</i>
2:30	False Deck* <i>Tim Ruth</i>	Horizontal Access Lifting System	Tactical Information Planning System* <i>Ambre Cauley</i>	Using Fire Retardant Gels During Hotwork <i>Benjamin Allen</i>

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3:00	BREAK <i>Carolina A & B Pre-function Areas & Gold Pre-function Area</i>			
	Ship Design & Material Technologies <i>Carolina A</i>	Ship Production Technologies <i>Carolina B</i>	Business Processes & Information Technologies <i>Gold Ballroom</i>	Ship Production Technologies <i>Calhoun</i>
3:15	Swage Panel SVR Rule Development <i>Jessica Green</i>	Shape Plate Verification* <i>Ron Wilson</i>	Digital Problem Resolution* <i>Phillip Jennings</i>	Hatchable Cold Spray System for Onboard Repair of Navy Components* <i>Tim Eden</i>
3:45	Electron Beam Welding and Cladding* <i>Ed Savage</i>	High Speed Rotating Arc Welding* <i>Steve Blevins</i>	SMART – A Turnkey Mobile Application <i>Maurissa D'Angelo</i>	Insulated Bus Pipe (IBP), Revolutionary Alternative to Cables for Shipboard Power Distribution <i>Henry Rainone</i>
4:15	Knowledge Provisioning to Improve First Time Quality of Ship Design <i>Greg Burek</i>	ROXTEC <i>Sara Thomas</i>	Digital Paint Tools and Process Optimization* <i>Jamie Breakfield</i>	High Deposition Submerged Arc Welding* <i>Garrett Sonnenberg</i>
4:45	EXPO <i>Colonial</i>			
6:30 – 8:30	RECEPTION <i>Carolina Ballroom</i>			

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7:00	CONTINENTAL BREAKFAST <i>Carolina A & B Pre-function Areas</i>
8:00	GENERAL SESSION <i>Carolina Ballroom</i>
8:00	Keynote Address – RDML Lorin Selby, Chief Engineer and Deputy Commander, Ship Design, Integration and Naval Engineering - NAVSEA
8:30	Keynote Address – CAPT Kenneth Ebert, Program Manager, Ship Integration Program Office – PEO C4I
9:00	Keynote Address – Donald Hamadyk, Director, Research & Development – HII-Newport News Shipbuilding
9:30	Keynote Address – CDR Stephen Markle USN (ret), Program Manager and Director – Electric Ships Office
10:00	Keynote Address – Janice Bryant, Director, Tactical Innovation Implementation Lab (TIIL) – NAVSEA04X3
10:30	BREAK <i>Carolina A & B Pre-function Areas & Gold Pre-function Area</i>
10:40	ManTech COE Update – Tim Bair, Institute for Manufacturing and Sustainment Technology
11:00	ManTech COE Update – Tommy Gill, Jr., Electronics Manufacturing Productivity Facility
11:20	ManTech COE Update – David Ditto, Electro-Optics Center
11:40	ManTech COE Update – Dale Orren, Center for Naval Metalworking
12:00	ManTech COE Update – Kevin Carpentier, Naval Shipbuilding and Advanced Manufacturing
12:20	ManTech COE Update – Jonathan Osborn, Composite Manufacturing Technology Center
12:40 – 2:00	LUNCH (provided) <i>Carolina A & B Pre-function Areas</i>
12:45 – 2:00	EXPO <i>Colonial</i>



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	Ship Production Technologies <i>Carolina A</i>	Ship Production Technologies <i>Carolina B</i>	Business Processes & Information Technologies <i>Gold Ballroom</i>	Ship Production Technologies <i>Calhoun</i>
2:00	Synchronized Cable Feeding System and Track-Mounted UHP Coating Removal System* <i>Charlie Tricou</i>	Welding Application Development for High Mobility Manufacturing Robot <i>Stephen Canfield</i>	Electronic Weld Record* <i>Derek Hassell</i>	Sheet Metal Modernization* <i>David Eubank</i>
2:30	Integration of Outfitting and Structural Details on Swaged Bulkheads <i>Nick Ratinaud</i>	Rapid Automation Technology Evaluation* <i>Nathan Meek</i>	SPT: Advanced Steel Production Facility Industrial Modeling & Simulation* <i>Chris Ligetti</i>	Application Analysis of Equalizing Load Lifting Bars <i>Wes Downs</i>
3:00	Work Cell Development* <i>Sarah Hayes</i>	Evaluation of Plasma Beam Technology for Coating Removal and Surface Preparation <i>Chris Wowk</i>	SPT: Thermal Insulating Coating to Achieve R Value Using Aerogel <i>Mark Toscano</i>	Hybrid Laser Arc Welding* <i>Jonathan Roberts</i>
3:30	BREAK <i>Carolina A & B Pre-function Areas & Gold Pre-function Area</i>			
3:45	DIGITAL THREAD FORUM <i>Carolina A</i>			
5:30	ADJOURN			

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Time	Panel	Meeting Room
7:00	CONTINENTAL BREAKFAST <i>Carolina A & B Pre-function Areas</i>	
8:00 – 5:00	Business Technologies	Colonial
8:00 – 11:30	Electrical Technologies	Pinckney
8:00 – 11:30	Environmental	Bridgeview Room 1203
8:00 – 11:30	Planning, Production Processes & Facilities	Middleton
8:00 – 11:30	Risk Management	Drayton
8:00 – 11:30	Ship Design & Material Technologies	Carolina A
8:00 – 12:00	Ship Warfare Systems Integration	Laurens
8:00 – 2:30	Surface Preparation & Coatings	Gold Ballroom
8:00 – 11:30	Welding Technology	Calhoun
8:00 – 12:15	Workforce Development	Rutledge

[See Individual Panel Meeting Agendas](#)

NSRP Executive Control Board Quarterly Business and Panel Project Selection Meeting
(Carolina B Thursday and Friday)



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