



Product Design & Material Technologies Panel Meeting

Pittsburgh, PA
June 15-16, 2010

The Product Design and Materials Technology Panel will meet in Pittsburgh, PA at Sheraton Station Square. The PDMT technical program presents a mix of innovative ship design concepts and tools, and material technologies. There will be a tour of Alcoa Technical Center the morning of 16 June.

AGENDA

Tuesday, June 15, 2010

7:30-8:00	Continental Breakfast	
8:00-8:30	Call to Order & Opening Remarks	Dave Wood, Panel Chair
8:30-8:45	MITL Update	Barry Espeseth, EB
8:45-9:00	NSRP Program Update	Mary Saady, ATI
9:00-9:45	New Steel Grades and Strength Levels in Support of Naval and Defense Requirements	Alex Wilson, ArcelorMittal Steel
9:45-10:15	Break	
10:15-11:00	CPVC Plastic Pipe on a ship-ARE YOU KIDDING	Sol Zittre, Lubrizol Advanced Materials
11:00-11:45	Design of Optimized Aluminum Marine Structures	Dr. Brett Conner, Alcoa Technical Center, Sea Segment Manager
11:45-12:45	Lunch (provided)	
1:00-1:40	Aluminum Benefits and Advancements for Naval Ships	Thomas Lamb, University of Michigan, Professor Emeritus and Nate Beavers, Alcoa Technical Center, Program Development
1:40-2:20	Fiber Reinforced Polymer (FRP) Composites for Infrastructure Applications	Ray Liang and Hota Gangarao, NSF I/ UCRC Composites for Infrastructure, West Virginia University
2:20-3:00	New Common Parts Catalog Improvement Project	Ed Gladue, Electric Boat
3:00-3:10	Break	
3:10-3:50	The Naval Vessel Rules and Composite Piping; Certifying New Pipe for US Navy Surface Ships	David McNamara, CTC
3:50-4:30	Multiscale Composites Analysis for NEi Nاستان	Bart McPheeters, NEi
4:30-4:45	Panel Business	Dave Wood, Panel Chair
4:45	Adjourn	
5:30-6:30	No-Host Social (heavy Hors D' Oeuvres provided)	

Wednesday, June 16, 2010

7:30 am	Bus departs for tour of Alcoa	
8:00-12pm	Tour of Alcoa Technical Center	

