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Allowing *reliability and maintainability professionals* across industry and government to collaborate ideas by combining presentations, tutorials, and networking with the elite among the RAM community. The requirement that every task within Army research, *engineering and development* provide real tangible value to the warfighter has never been more critical.

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RAM 4 Workshop Agenda

Tuesday, November 1, 2011~Holiday Inn-Downtown

	Heritage 1	Heritage 2	Heritage 3	Milltown	Azalea
0700-0800	REGISTRATION				Exhibit Set Up (May setup as early as 1800 hrs Monday, October 31, 2011)
0800-0900	**Keynote** A.R. "Rey" Almodóvar, P.E.				
0900-0930	BREAK				Exhibits Open
	Session 1A	*Session 1B*	*Tutorial 1 a*	*Session 1C*	
0930-1000	Institutionalizing R&M Engineering in the DoD: Total Program Implementation Approach (Part 1) - Andy Monje	CBM+ Overview - Greg Kilchenstein	Basic RAM	Rotor Track and Balance Adjustment Using Wedges - Carl Smith	
1000-1030	Institutionalizing R&M Engineering in the DoD: Total Program Implementation Approach (Part 2) - Andy Monje	NAVAIR CBM+, CBM and RCM Overview - Tony Kimberlin		Dynamic Rotor Blade Erosion Protection Concepts - Jeff Neurauter	
1030-1100	Reliability Improvement Program - Adam Hudson	AMCOM CBM - Chris Smith		Conducting Helicopter Maintenance While Deployed in Support of Operation Iraqi Freedom and Operation Enduring Freedom - Ellis Hurst	
1100-1200	LUNCH				
	Session 2A	*Session 2B*	*Tutorial 1b*	*Session 2C*	
1200-1230	Electrical Analysis Using PSPICE®: Verifying High Reliability Electronic Designs - Ray Kendall	OSD Reliability Centered Maintenance (RCM) Working Integrated Product Team (WIPT) and Marine Corps Systems Command RCM Process Roadmap - Jason Hamilton	Basic RAM	Low Cost Teaming Approaches for Government/Industry - Kris Walker	
1230-1300	AH-64D Environmental Control System (ECS) Modulating Valve and Servicing Procedure; Engineering Analysis, Test, and Technical Services Phase 2 - Hee Moon	Naval Sea Systems Command (NAVSEA) Reliability Centered Maintenance (RCM) Program - Marc Borkowski		Economical Superhydrophobic Coating Technology - Brent Barbee	
1300-1330	HELLFIRE Stockpile Reliability Program (SRP) - Danielle McDonnell	Aviation System Assessment Program (ASAP) - Nolan Tallman		Small Business Innovation Research (SBIR) - Sammie Smith	
1330-1400	BREAK				
	Session 3A	*Session 3B*	*Tutorial 2*	*Session 3C*	
1400-1430	Task Based Maintenance, the cornerstone of effective maintenance management - Chris Sautter	RCM and Enabling Process Relationships for CBM+ Application - David Nelson	Reliability Growth		
1430-1500	TBD - Dr. Bill Wessels	Enhancing Maintainability through Kitting - Lee Potts			
1500-1530	FMECA and Reliability Data Convergence to Facilitate Supplier Involvement in Product Improvement - Dr. Pedro Resto	F-15 MECSIP and RCM Programs - Peter D'Carlo & Lewis "Quinn" Pesek			
1530-1600	BREAK				
1600-1630	**Keynote: Mr. Nicholas Torelli** OSD's Perspective on Systems Engineering and RAM				
1630-1830					Reception-Heavy Hors D'oeuvres (1630-1830) and Cash Bar (1630-1830) (Exhibits Open)

Wednesday November 2, 2011~Holiday Inn-Downtown

	Heritage 1	Heritage 2	Heritage 3	Milltown	Azalea
0730-0800	REGISTRATION				
0800-0930					Breakfast Reception (*Exhibits Open*)
				Government ONLY Meeting	Exhibits Open
	Session 4A	*Session 4B*	*Tutorial 3*		
0930-1000	Advanced Anti-Reflective Coatings for Infrared Optics - Brent Barbee	Failure Analysis of Riveted Joints Zach Johnson	Reverse Engineering	TFT MTG 0900-1500	
1000-1030	AH-64 A/D Apache Drive System Reliability Improvement Programs, EATTS2 - Steve Slaughter	Lessons Learned from Operations Conducted Through a Major Systems Upgrade - Nick Zuschlag			
1030-1100	USMC Ground Weapons Systems Lifecycle Reliability and Logistics Engineering Analysis - Joe Katz	Manufacturing Test Fixtures in Reliability and Failure Analysis - Nathan Rigoni			
1100-1200	LUNCH				
	Session 5A	*Session 5B*	*Tutorial 4*	*Government ONLY Meeting*	
1200-1230	Engineer on the Flight Line - William McDaniel	Material Strength Reliability of an E-glass Composite - Greg Doud	PSpice	TFT MTG 0900-1500	
1230-1300	Reliability Predictions - Chris Jais	Advanced Infrared Transparent Conductive Coatings - Jamey Ewing			
1300-1330	Tribological Coatings for Improved Component Performance - Jordan Larson	Composite Manufacturing Techniques - Charles Boyles			
1330-1400	BREAK				
	Session 6A	*Session 6B*	*Tutorial 5*	*Government ONLY Meeting*	
1400-1430	Corrosion Resistant Coatings for High Tolerance Interfaces - Jordan Larson	Time Directed vs. Stress Directed Maintenance - Daniel Sillivant	CBM	TFT MTG 0900-1500	
1430-1500	High performance Lubricants - Ken Eberts	SQL Based Development for the Integration of FMECA Tools and the ASAP Database - Michael Warthon			
1500-1530	"The Big M" – Driving Chinook Performance and Availability Improvement through Maintainability Engineering - Ryan W. Miller				
1530-1630	AWARDS & ADJOURN				Exhibit Tear Down (Must be taken down NLT 1700 hrs on Wednesday)

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