



Technical Specialists' Meeting on Systems Engineering

"Systems Engineering Opportunities and Challenges within the Rotorcraft Industry"

October 15-16, 2009
Hartford, Connecticut

Thursday, October 15

	Session Room 1	Session Room 2	Session Room 3
7:30	Registration & Continental Breakfast in Exhibit Area		
8:30	<i>Rapid Deployment</i> Michael Gaydar, NAVAIR	<i>Tutorial: Systems and Software Product Line Engineering Framework</i> Charles W. Krueger, BigLever Software and Michelle Specht, IBM	<i>R/C Systems Engineering: AAED Perspective of Verification</i> Dr. William Lewis, US Army Aviation Engineering Directorate
9:00	<i>Model Driven Development with Agility at Scale</i> Mark R. Borowski, IBM		<i>Qualification and Reliability of Complex Electronic Rotorcraft Systems</i> Alex Boydston, US Army Aviation Engineering Directorate (AED)
9:30	<i>Model Based Systems Engineering</i> Cliff Levine, Vitech		<i>Integrated Architectural Model Based Engineering with the Architecture Analysis and Design Language</i> Bruce Lewis, AADL
10:00	<i>System Engineering of Health & Usage Data for Utilization in Aircraft Maintenance</i> James Cycon, Sikorsky		<i>Planning vs. Plans: Demystifying the SEMP</i> Theodora Saunders, Sikorsky
10:30	Exhibit Area Coffee Break		
11:00	<i>Process Improvement via an Industry Cooperative Exchange</i> Phil Love, Sikorsky	<i>Tutorial: Raptor Reliability Simulation Software and Reliability Block Diagram Construction Techniques – Designing Complex Topologies</i> Steve Padilla, ARINC	<i>Melding of Commercial & Military Aerospace Safety Standards</i> Alan Oliver, Aviation Product Safety, Sikorsky and David R Arterburn, Utility Helicopters Project Office
11:30	<i>Risk Management vs. Opportunity Management</i> Carl Dalzell and Theodora Saunders, Sikorsky		<i>RF Intersystem Compatibility</i> Pat Ryan, Lockheed Martin Systems Integration
12:00	Buffet Lunch in Cafeteria		
1:30	<i>NACRA: Strategic Study Findings and Test Bed</i> John Milliman Naval Aviation Center for Rotorcraft Advancement (NACRA)	<i>Cost Effective Request for Proposal</i> Phil Hensley and Sebastian Botta, Sikorsky	<i>DoD Acquisition Policy and Its Impact on Programs from a Systems Engineering Perspective</i> Sharon Vannucci, Assistant Deputy Director for SE Policy and Guidance
2:00	<i>Risk Management Process Enhancements at Bell Helicopter</i> Stuart Retter, Dr. Stephen C. Skinner, Wade L. Ward, III, Bell Helicopter	<i>Change Request Driven System Design</i> Hans-Peter Hoffmann, IBM	
2:30	<i>Modular Situation Awareness System</i> Bob Haefner, Lockheed Martin Systems Integration	<i>Integrated Design & Manufacturing Trade Offs</i> Daniel Schrage, Georgia Institute of Technology	
3:00	<i>Multiple Aspects of CORE within a Major Army Weapons System (UH-60M Black Hawk)</i> Don Estes, US Army	<i>Enhanced ICD Generation</i> Michelle Specht, IBM	

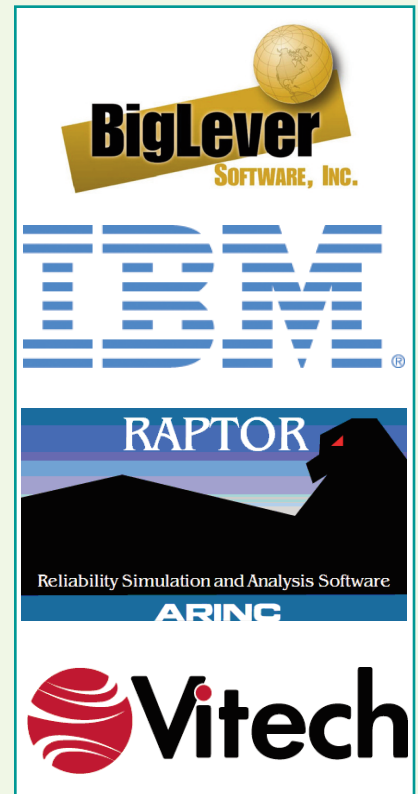
Thursday, October 15 (Continued)

	Session Room 1	Session Room 2	Session Room 3
3:30	Exhibit Area Coffee Break		
4:00	<i>Managing Complexity in Aerospace Systems Design</i> Sandor Becz, United Technologies Research Center	<i>Enhancing Product Integration using Advanced Digital Collaboration Tools</i> Dave Cocuzzo, Larry Levine, Robert Brooks, Sikorsky	<i>Tutorial: On the Business Impact of Quality Management Across the Life Cycle</i> Moshe Cohen, IBM
4:30	<i>System Engineering DTC (Design to Cost), Design for Manufacturing and Assembly (DfMA) and Design for Environmental Health & Safety (DfEHS) through the Product Life Cycle</i> Greg Kiviat, Sikorsky	<i>Broader View in Helos: Engineering Systems</i> Filipe Cunha, Portugal University	
5:00	Pre-Banquet Break		
5:30	Cocktail Reception at Marriott		
6:30	Banquet at the Marriott Speaker: Tom Laux, SES, Dept of Navy, DASN Air <i>Systems Engineering: Where We've Been; Where We Need to Go</i>		

Friday, October 16

	Session Room 1	Session Room 2
7:30	Registration & Continental Breakfast in Exhibit Area	
8:30	<i>Tutorial & Discussion: Monte Carlo Simulation using an Excel Spreadsheet</i> Subhash G. Gedam, Sikorsky	<i>Tutorial: Model-Based System Engineering with CORE</i> Ken Helton and Cliff Levine, Vitech
10:30	Exhibit Area Coffee Break	
11:00	<i>New 7M Method for Operations Variable Assessment</i> José Corrêa de Sá, Donizeti de Andrade, Valderez Ferreira Fraga, Instituto Tecnológico de Aeronáutica (ITA), Brazil	<i>Threat Requirement Decomposition: The Importance of Historical Data & Clear Requirements with Respect to Vulnerability</i> Suzan DeGarmo, Sikorsky
11:30	<i>Operation Pre-Sal: Some Variables Involved</i> José Corrêa de Sá, Donizeti de Andrade, Valderez Ferreira Fraga, Filipe Nascimento, Instituto Tecnológico de Aeronáutica (ITA), Brazil	
12:00	Buffet Lunch in Cafeteria	

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