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Presentations

Meyer > Guest Speakers

Guest Speakers

ARRANGED BY Professor William Solitario:

ARRANGED BY RADM W.G. (Jerry) Ellis and RADM Rick Williams:

- July 17, 2003, CDR Glaros, OSD, [Force Transformation](#)
- July 31, 2003, RADM Ray Witter, [Systems Engineering of Undersea Warfare](#)
- August 7, 2003, Sarah Sheard, [Taxonomies of Systems Engineering](#)
- August 14, 2003, Dr. Jeff Beach, [Cost Engineering](#) and [Cost Engineering part 2](#)
- August 28, 2003, Dave Massey Ball, Aerospace Corp., [Business Development in The New Navy](#)
- September 3, 2003, Professor Solitario, [AEM/S Stepping Stone to Stealth](#)
- October 16, 2003, Dave Byers, [NSWC Innovation Center](#)
- October 30, 2003, CAPT George Clifford, [Ethics in the Middle](#)
- January 22, 2004, LTC Thom Crouch, [Reassessing Weapons System Operational Test and Evaluation Methods](#)
- February 19, 2004, Dr. Philip Dur, [Tactical Stealth: Visby as a Case Study](#)
- February 26, 2004, Norm Sakamoto, [A Study of a Reconnaissance Surveillance UAV](#)
- Amory Lovins, [Energy Efficiency Survey Aboard USS Princeton CG-59](#)
- Amory Lovins, [More Fight, Less Energy, at Lower Cost](#)
- March 4, 2004, Warren Ross, [CAD Design in Modern Day Products](#)
- April 29, 2004, James King, [An Approach to Examining Technical Alternatives](#)
- May 6, 2004, Rick Steiner, [Leveraging Software Approaches into SE](#)
- June 3, 2004, CAPT (Ret) Robert Hartling, [An Approach to JBMC2 as a Combat System](#)
- July 29, 2004, Dr. Paul Bevilaqua, [Joint Strike Fighter](#)
- August 12, 2004, Jeff Grady, [Shipboard System Interface Development](#)
- August 26, 2004, Norm Sakamoto, [The History of UAVs](#)
- October 14, 2004, Arnold Easterly, [V-22](#)
- October 21, 2004, Dr. Cliff Whitcomb, [Sea Connectors](#)
- November 12, 2004, Chuck Gallagher, [Systems Engineering Management: an Israeli Perspective](#)
- February 10, 2005, Tom McCammon, ["Expeditionary Logistics"](#)

- January 15, 2009, RADM Kenny, [Irregular Warfare](#).
- February 5, 2009, Eryn Wezensky, [Marine Mammal/Sonar](#).
- February 12, 2009, RADM Drennen, [NWMAWC USW Needs](#).
- February 19, 2009, Dr. Scott Bloom, [Electric Field Sensors](#).
- March 5, 2009, Doug Homer, [Unmanned Systems in Undersea Warfare](#).
- April 9, 2009, Norm Scott, [AAI Unmanned Systems](#).
- May 7, 2009, John Benedict, JHU/APL, [MIW via VT.C](#)
- May 28, 2009, RADM Mahon, Deputy Director, Surface Warfare, OPNAV N86.B
- July 16, 2009, RADM (Ret) John Padgett, VP, Electric Boat, GD, [New Concepts/Technologies](#).
- July 23, 2009, John Benedict, JHU/APL, [ASW at NPS](#).
- July 30, 2009, Rob Simmons, [Marine Mammal Program](#).
- August 20, 2009, Dr. Tom Muir, [Acoustic Detection of SSPS and IEDs](#).
- August 27, 2009, Dr. Harry cox, [RAP VLA Concept for Deep Ocean Surveillance](#).
- September 3, 2009, Brian O'Neill, Northrup Grumman, NNS, [Lasers and Subs](#).
- September 10, 2009, CAPT Robert Burke, Commodore, CSDS-12, [Sub Tactics/Technologies](#).
- November 5, 2009, John Quigley, Systems Planning and Analysis, Inc., [OPNAV Analysis Process/POM Decisions/Fleet Impact](#).
- January 7, 2010, RADM Bill Moran, [Maritime Aviation anti-Submarine Warfare](#).
- January 14, 2010, Dr. Paul Gendron, [Total-Field Magnetic Matched-Field Tacking: performance limits for sparse configurations of total-field sensors with the incorporation of prior information](#).
- January 28, 2010, Dr. Modi, [Agile Architecture](#).
- February 18, 2010, CAPT (ret.) Karl Hasslinger, [Unmanned Payload Modules and Submarines](#).
- March 4, 2010, CAPT (ret.) Dave Yoshihara, [Undersea Warfare in the Pacific - Challenges and Opportunities](#).
- April 1, 2010, RADM (ret.) Matt Moffit, Capt (ret.) Don Randall & Mr. Ward Wilson, [Holistic View of USW Employing Current and Future Capability](#).

- February 17, 2005, RADM Dennis Dwyer, [*CVN 21 Future Carriers*](#)
- March 3, 2005, Dr. Swarn Kalsi, [*Superconducting Devices: State of the Art*](#)
- April 28, 2005, R. Marler, [*Entrepreneurship*](#)
- May 5, 2005, John Faulkner, [*SE Integrating Functions*](#)
- May 12, 2005, Mark Schaeffer, [*OSD Systems Engineering Perspective*](#)
- July 7, 2005, Dave Byers, NSWC, [*Systems Engineering Application Caderock Innovation Center*](#)
- July 21, 2005, Gail Hahn, [*Boeing, Composites, IPTs*](#)
- August 18, 2005, Dr. Richard Thome, [*General Atomics, DC Superconducting Homopolar Motor*](#)
- August 25, 2005, Dr. Peter Poulsen, [*Intuition in Technological Systems Development*](#)
- October 6, 2005, Dr. David Martin, [*Autonomous Platforms in Persistent Littoral Underwater Surveillance: Scientific Engineering Challenges*](#)
- November 3, 2005, Jim O'Bryon, [*Testing and Ethics*](#)
- November 17, 2005, Otto Jons, [*Systems Engineering vs Complexity and System Dynamics*](#)
- December 1, 2005, Mr. Gary Langford, [*A Systems Engineering Approach to Developing Business Models*](#)
- January 18, 2006, Dr. Michael Baker RADM (ret.), [*"Strategic Medical & Biological Threats to the United States"*](#)
- January 26, 2006, Mrs. Deborah Bailey, Chief Engineer, B-2 Systems Group, [*Systems Engineering Challenges to B-2*](#)
- March 2, 2006, RDML Bill McCarthy, [*The Role of Operational Test and Evaluation in SE*](#)
- March 30, 2006, Dr. Joel Schindall, [*Globalstar and Iridium: How do they Work and Where Did They Go Wrong?*](#)
- April 4, 2006, Mr. Tom Williams, [*Beyond Systems Engineering*](#)
- April 27, 2006, Jack Abbott, [*History of Modular Payload Ships 1975-2005*](#)
- Mr. John Kays, [*Problem Definition and Requirements Analysis: a case study*](#)
- RADM Steve Eastburg, [*A Warfighting Partnership: Aircraft and Carriers*](#)
- October 12, 2006, Mr. Charles Deneris, [*"Systems Engineering at L3"*](#)
- November 7, 2006, James O'Bryon, [*Modeling and Simulation*](#)
- Dr. Robert H Latiff, MGen (Ret), [*A Discussion of Systems Engineering*](#)
- Professor Solitario, [*"Design for Producibility"*](#)
- July 19, 2007, Ms. Dorothy McKinney, [*"Software Systems Engineering Challenges"*](#) (no link)
- July 26, 2007, Mr. Jim King, NSWCCD, [*"Systems Engineering Guide"*](#) (no link)
- August 16, 2007, Dan Dozier, Carderock, [*Innovation Center*](#)
- August 23, 2007, Yacov Haimes, [*Systems-Based Risk Assessment and Management*](#)
- November 1, 2007, Nick Willis, [*Bistatic Radar \(Radar History\)*](#)
- January 31, 2008, Brad Mercer, [*Thoughts on Architecting and How to*](#)
- April 1, 2010, RADM (ret.) Matt Moffit, [*Aviation, Manned and Unmanned, for Today and Tomorrow.*](#)
- April 8, 2010, CAPT (ret.) Michael Hewitt, [*The Submarine Control Room Optimized for Decision Making.*](#)
- April 22, 2010, CAPT (ret.) Jim Patton, [*ASW in the Context of the War Plan That Was Developed for CINCPACFLT During the Cold War.*](#)
- July 8, 2010, SES Mark Gorenflo, Principal Deputy for the Deputy Under Secretary of the Navy for Plans, Policy, Oversight and Integration.
- July 15, 2010, Mr. Scott Wilcox, Principal Technologist, Liquid Robotics, Inc., [*Wave Glider Autonomous Surface Vehicle.*](#)
- July 15, 2010, Mr. Jeff Gossett, Technical Director, US Navy Arctic Submarine Laboratory, [*ICEX March 2011 Ice Camp.*](#)
- July 29, 2010, Mr. Joe Johnson, Director for Advanced Development of Undersea Systems in the Integrated Warfare Systems Office, PEO IWS 5A, [*PEO IS Undersea Systems Advanced Development Projects.*](#)
- August 5, 2010, CAPT (ret.) Paul Rinn, [*Saving the Samuel B. Roberts.*](#)
- August 12, 2010, Mr. Andy Coon, DARPA Project Manager, Deep Sea Operations Program.
- August 19, 2010, CAPT Robert Burke, Commodore, COMSUBDEVRON TWELVE, [*Update on Submarine Operations, Exercises, Tactics, New Equipments, and Resulting Challenges/issues.*](#)
- August 26, 2010, MS Khine Latt, Program Manager and Senior Scientist at DARPA, [*High Risk/High Payoff Challenges in Future Maritime Operations.*](#)
- September 2, 2010, Mr. Ken Walsh, President K & M Engineering, [*ASW Torpedoes.*](#)
- October 14, 2010, CAPT Don Gerry, Deputy Chief of Staff for Training, Tactics and Knowledge Management on the staff of the Commander Submarine Force, US Pacific Fleet, [*History of Submarine Force ASW Prediction and current Pacific Fleet OPLAN support.*](#)
- October 28, 2010, CDR John Mohn, Director of the Naval Warfare Dept and Director of the Submarine Warfare Operations Research Division, [*Worldwide: Developments in Undersea Warfare.*](#)
- November 4, 2010, RADM (ret.) Ron Morgan, Mr. Thomas Shew and CAPT Chris Sprinkle (USNR, Ret.) of Raytheon, [*Advancing the State of the Possible for Some Subsurface and Surface Weaponry.*](#)
- November 18, 2010, RADM (Ret.) Tony Lengerich and Peter Bostrom, Oracle America, Inc., [*Oracle: Improving C2 of ISR.*](#)
- Feb. 10, 2011, Mr. Jeff Smith, Bluefin Robotics, [*Deep Sea UUV Developments to Counter the Quiet Diesel Submarine Threat.*](#)
- Feb. 24, 2011, CAPT Michael Jabaley, Program Manager, VIRGINIA Class Submarines, [*Virginia Class Program Management.*](#)
- March 3, 2011, Dr. James P. Galambos, Associate Director of the Advanced Technology Office at the Applied Research Laboratory with the Pennsylvania State University, [*Large Diameter Unmanned Underwater Vehicles.*](#)
- March 10, 2011, RADM Scott Hebner, Commander, NMAWC on ASW Assessment process, overview of ASW/MIW capability and related discussion.

Improve the Practice

May 14, 2009, Dr. Phil DePoy, **Department of Homeland Security Science and Technology**

August 13, 2009, John Pazik, **Ship Systems and Engineering S & T**

Sept. 3, 2009, Mr. Chris Mc Kesson, **Counter-Intuitive Systems Engineering**

October 1, 2009, Dr Gerald Mulvey, **Up and Down the Systems Engineering "V"**

January 8, 2010, CAPT Warren Vaneman, PhD., **From "Cloud Space" to Functional Architectures: Architecting the NRO Ground**

January 28, 2010, Dr. Jay Modi, **Transitioning Techniques and Agile Architecture**

February 11, 2010, Mr. Tighe Parmenter, CAPT (ret.) **UCAS in the Fleet-a Program Overview**

February 18, 2010, Dr. Bohdan Oppenheim, **Lean Enablers for Systems Engineering**

March 4, 2010, Kathy Emery, **Surface Navy Combat Systems Engineering Strategy**

March 11, 2010, Dr. David Olwell, **Accreditation: a Primer for SE students**

April 8, 2010, Mr. Gary Langford, **Cognitive Patterns of Terrorists, Their Organizations and Strategies**

May 13, 2010, Professor David Jacques, LtCol-USAF (Ret.), Chair, Systems Engineering Program, Air Force Institute of Technology, **Early Application of Systems Engineering: A Historical Perspective**

July 15, 2010, CDR (Ret.) Gene Allen, Design Tools Development Branch, Navy Surface Warfare Center Carderock, **Simulation Supported Decision Making**

July 29, 2010, Ms Marion Eggenberger, OPNAV N41 **Affordability and Total Ownership Cost Reduction**

August 5, 2010, CAPT (ret.) Paul Rinn, **Saving the Samuel B. Roberts FFG.58 Lessons in Leadership**

August 12, 2010, Mr. Dick Marler, President/CEO Signal International Inc., **An Effective Safety Program and the Executive Role**

August 19, 2010, Mr. Andy Summers, Ship Design Manager for DDG 1000, **USS Zumwalt Class for NAVSEA 05.**

October 7, 2010, Dr. Michael S. Baker, RADM Medical Corps, US Navy (ret.), **Wounded Warrior.**

November 18, 2010, Anthony (Tony) Lengerich (Rear Admiral, ret. USN) and Peter Bostrom of Oracle, **Integrating Reconnaissance, Surveillance and Target Acquisition (RSTA) with ISR Command and Control.**

January 13, 2011, Mr. Otto Jons, Chief Scientist, Advanced Marine Center, Computer Sciences Corporation, **50 Years of Acquisition Reform: What Have We Learned?**

Feb. 24, 2011, CAPT Michael Jabaley, Program Manager, VIRGINIA Class Submarines, **Virginia Class Program Management.**

March 3, 2011, **SEA-17B IPR.**

May 9, 2011, Dr. Timothy Chung, Assistant Professor Naval Postgraduate School, **Aerial Battle Bots: Many vs. Many UAV's.**

May 27, 2011, Systems Engineering Analysis Cohort 17, Capstone Project Team B, **Advanced Undersea Warfare Systems.**

June 2, 2011, Jeff Grady, [**From Where We Are to Where We Are Going in Systems Engineering.**](#)

August 19, 2011, Dr. George Sanzero, [**Systems Engineering Meets Reality.**](#)

December 15, 2011, Mr. James O'Byron, [**Neturalizing the Number One Killer of American Fixed Wing Combat Aircraft Pilots.**](#)

February 17, 2012, Bill Solitario, Instructor, [**SI4000 Winter AY12 SE Colloquium: Unmanned Surface Vehicle Future Concept: Tailorable Remote/Unmanned Combat Craft.**](#)

February 28, 2012, Len Losik, PhD, [**Failure Analysis.**](#)

March 5, 2012, Bill Solitario, [**ME Capstone Project.**](#)

April 6, 2012, SEA 18B Capstone Project, [**Tailorable Remote Unmanned Combat Craft.**](#)

April 10, 2012, SEA 18A Capstone Project, [**Recapitalization of Amphibious Operations and Lift.**](#)

May 17, 2012, Dr. Edward Craft, [**Systems Engineering Challenges in Defense Acquisition.**](#)

May 24, 2012, The Honorable James I. Finley Deputy Undersecretary of Defense Acquisition & Technology, [**Systems Engineering Air, Land, Sea, Space & C4ISR Experiential Applications.**](#)

August 2, 2012, SI4000, [**Technical Writing Lecture.**](#)

August 9, 2012, Mr. Ted Maciuba, [**US ARMY Combat Vehicle Modernization.**](#)

August 16, 2012, Lyla Englehorn, [**Presentation Skills.**](#)

November 29, 2012, James F. O'Bryon, [**Risk/Benefit Considerations in Defense RDT & E and Acquisition: Another Look**](#)

January 24, 2013, Russell Chan, [**Systems Engineering - Concepts & Architectures**](#)

February 14, 2013, John A. Thomas, President INCOSE, [**A Call for Leadership**](#)

July 11, 2013, RDML Joe Carnevale, (ret.), Senior Defense Advisor Shipbuilders Council of America, [**Shipyard Industry Report**](#)

August 7, 2013, Jennifer Maples, AAE Aviation Superintendent, City of Phoenix Aviation Department, [**Systems Engineering Challenges on the PHX Sky Train Project**](#)

October 24, 2013, Jennifer Maples, AAE Aviation Superintendent, City of Phoenix Aviation Department, [**Communicating Project Requirements**](#)

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