

Program Management Assistance Group Symposium



Program

Renaissance Los Angeles Airport Hotel
Los Angeles
Feb. 9-10, 2010

Tuesday, Feb. 9, 2010

- 7:00 Registration and Continental Breakfast
- 8:00 Welcoming Remarks
Tom Fitzgerald, Director of Program Management and Integration (PI), SMC, USAF
- 8:10 Introduction of Keynote Speaker
Tom Fitzgerald, Director of PI, SMC, USAF
- 8:15 Keynote Speech: "Relentless Pursuit of Program Management Excellence"
Lt. Gen. John T. "Tom" Sheridan, Commander, SMC, USAF
- 8:45 Introduction of Keynote Speaker
Tom Fitzgerald, SMC, USAF
- 8:50 Keynote Speech: "Challenges in Acquisition Program Management"
Douglas Loverro, Executive Director, SMC, USAF
- 9:20 Break
- 9:35 **Session 1 – Integrated Program Assurance**
Session Chair: Nancy Droz, P.E., PI, SMC, USAF
Introduction
- 9:40 Integrated Program Assurance Framework
Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF
- 10:20 Risk-Based Integrated Baseline Review
Nancy Droz, P.E., PI, SMC, USAF
- 10:50 Road to Technical Excellence
Col. David Swanson, Director of Engineering and Architecture, SMC, USAF
- 11:20 Break
- 11:35 Luncheon
- 11:55 Introduction of Keynote Speaker
Dr. Sumner Matsunaga, General Manager, Engineering and Integration Division, Space Systems Group, The Aerospace Corporation
- 12:00 Keynote Speech: "The Aerospace Corporation Role in Support of Integrated Program Management Excellence"
Dr. Wanda Austin, President and CEO, The Aerospace Corporation
- 12:45 Break
- 1:00 **Session 2 – Collaboration between Government and Industry in Acquisition Program Management**
Session Chair: Col. David Madden, GPSW/CC, SMC, USAF
Introduction



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- 1:05 Defense Acquisition University (DAU) Program Start-up/Transition Assistance
Prof. Jesse Stewart, DAU
- 1:35 SMC PMAG Program Start-Up/Transition Assistance
Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF
- 2:05 Break
- 2:20 Introduction of Keynote Speaker
Tom Fitzgerald, Director PI, SMC, USAF
- 2:25 Keynote Speech: "Revitalizing Program Control"
Blaise Durante, Deputy Assistant Secretary for Acquisition Integration, Office of the Assistant Secretary of the Air Force for Acquisition
- 2:55 Break
- 3:20 **Breakout Sessions (Tutorials)**
1. SMC/PMAG – Program Start-Up / Transition Assistance
Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF, and Dr. David L. Wang, The Aerospace Corporation
 2. DAU – Program Start-Up / Transition Assistance
Prof. Jesse Stewart and Prof. Rob Tremaine, DAU
 3. SMC/PMAG – Risk-Based Integrated Baseline Review – Planning, Execution, and Evaluation
Nhung Tran, PI, SMC, USAF, and Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF
 4. SMC/PMAG – Control Account Manager Notebook Evaluation
Eddie Hall, The Aerospace Corporation, and Nancy Droz, P.E., PI, SMC, USAF
 5. SAF/PM&AE – Generally Accepted Scheduling Principles: Application and Analysis
Frederick Meyer, SAF/PM&AE
 6. Invigorating Design Assurance
Dr. William F. Tosney, The Aerospace Corporation
 7. SMC/PMAG – Risk Based Design Reviews
Maj. Esdras Ortega, PI, SMC, USAF, and Dr. Zoltan Stroll, The Aerospace Corporation
- 4:20 Break
- 4:30 **Breakout Sessions (Industry Perspectives)**
1. AT Kearney – "Basis of Estimates (BOE) Analysis – Critical Foundation for Cost Realism"
 2. Boeing – "Integrated Program Assurance: Improving Probability of Success"
 3. BTAS – "Tutorial on Minimizing Program Risks Through Proper Requirements Identification, Flow Down, and Management by a Program Management Office"
 4. LMCO – "Subcontract Management: Keeping Subcontracts Green"
 5. MCR – "Improved Project Team Understanding and Decision Making Utilizing Linked CREST Analysis and Assessment"
 6. NG - TBD
 7. Tecolote – "Database Tools and Analysis in Support of the PMAG Vision"
- 5:30 Networking Reception



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Wednesday, Feb. 10

- 7:00 Networking and Continental Breakfast
- 8:00 Introduction to Keynote Speaker
Tom Fitzgerald, Director of PI, SMC, USAF
- 8:05 Keynote Speech: "Future in USAF Acquisition Excellence"
Lt. Gen. Mark Shackelford, Military Deputy, Office of the Assistant Secretary of the Air Force for Acquisition, Pentagon
- 8:50 **Session 3 – Integrated Technical, Cost, and Schedule Baselines Assessment**
Session Chair: Col. Delaine Aguilar, FM, SMC, USAF
Introduction
- 8:55 EVM Revitalization at SMC
Col. Delaine Aguilar, FM, SMC, USAF
- 9:25 Risks Based Analysis and Assessment of Control Account Manager Notebooks
Nhung Tran, PI, SMC, USAF, and Eddie Hall, The Aerospace Corporation
- 9:55 Break
- 10:10 Risk-Based Schedule Analysis and Forecasting
Evelyn Davalos, The Aerospace Corporation
- 10:40 Risk-Based Monte-Carlo Schedule Forecasting
Maj. David Irvin, Ph.D., SBIRS, SMC, USAF
- 11:10 Risk-Based BOE Analysis – PMAG Approach
Dr. David L. Wang, The Aerospace Corporation
- 11:40 Break
- 11:55 Lunch
- 12:25 Introduction to Keynote Speaker
Tom Fitzgerald, Director of PI, SMC, USAF
- 12:30 Keynote Speech: "New Program Management and Acquisition Excellence Initiatives"
Rebecca Davies, Director, Air Force Program Management and Acquisition Excellence, Office of the Assistant Secretary of the Air Force for Acquisition
- 1:15 Break
- 2:00 **Session 4 Program Management Challenges in Space Software Systems**
Session Chair: Mary Rich, The Aerospace Corporation
Introduction
- 2:05 The Dynamics of Software Project Management
Suellen Eslinger, The Aerospace Corporation



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- 2:35 Risk-Based Management of Flight Software Systems Development and Lessons Learned
Dr. Alan Unell and Dr. Rob Pettit, The Aerospace Corporation
- 3:05 Break
- 3:15 **Session 5 Integrated Program Risk Assessment**
Session Chair: Dr. Kirstie Bellman and Dr. David L. Wang, The Aerospace Corporation
Introduction
- 3:20 Independent Program Assessment
Grace Yang, PI, SMC, USAF, and Andy Guillen, The Aerospace Corporation
- 3:50 Integrated Program Risk Assessment for Design Reviews
Dr. Zoltan Stroll, The Aerospace Corporation
- 4:20 Integrated Program Risk Assessment for Sell-off Activities
Maj. Esdras Ortega, PI, SMC, USAF
- 4:50 Acknowledgements
Dr. David L. Wang, The Aerospace Corporation
- 4:55 Concluding Remarks
Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF
- 5:05 **Breakout Sessions (Tutorials)**
1. SMC/PMAG – Integrated Master Planning – PMAG Approach
Dr. Mun H. Kwon, Col. (Ret.), SMC, USAF, and Dr. David L. Wang, The Aerospace Corporation
 2. Implementation of Schedule Management Tool and Information for DoD Acquisition Programs
Maj. David Irvin, Ph.D., SBIRS, SMC, USAF
 3. GPS III PDR/CDR Planning and Execution
Keem Thiem, GPSW, SMC, USAF
 4. Cost Risk Analysis
Vincent Canales, The Aerospace Corporation
 5. PMAG – SBSS Collaboration on IBR / FCA / PCA Planning and Execution
Maj. Stephen Behm, SYSW, SMC, USAF
 6. Implementation of SMC EV Policy
Albert Schvartsman, FM, SMC, USAF
 7. Knowledge-Based Technical Management
Al Hoheb, The Aerospace Corporation
- 6:00 Symposium Adjournment

