



The 2012 NASA Project Management Challenge | Wednesday, February 22, 2012

General Session - Carribbean Ballroom

8:00 - 8:15	Pam Trance, PM Challenge Chair
8:15 - 8:45	Dr. Patrick Simpkins, Director, Engineering and Technology Directorate, NASA Kennedy Space Center: "Greeting from KSC"
8:50 - 9:20	UPDATED Andrew Chaikin, Author and Space Historian: "A New Paradigm for Human Spaceflight"
9:30 - 10:00	Networking Break
10:00 - 12:15	Morning Sessions (with a 15 minute break at 11:00 a.m.)
12:15 - 1:00	Lunch
1:00 - 1:30	UPDATED Leslie Roe, Director, NASA Langley Research Center: "Meeting the Challenges of the Future and Now"
1:30 - 2:00	Break
2:00 - 5:30	Afternoon Sessions (with a 15 minute break at 3:00 p.m. and 4:15 p.m.)

	10:00 - 11:00	11:15 - 12:15	2:00 - 3:00	3:15 - 4:15	4:30 - 5:30
Case Studies Antigua 1 & 2	UPDATED Lessons from the Challenger Launch Decision Ed Rogers, NASA GSFC	The World's Largest Laser: The National Ignition Facility Matt Kohut, InFact Communications	DART: A Risk Management Case Study S. John Newman, ARES Corporation	Do We Ever Learn? Ed Rogers, NASA GSFC Mike Ryschkewitsch, NASA HQ Chris Scolese, NASA HQ	Revolutionary Technical Collaboration, Use of Wikis Across NASA Mark Rober, NASA JPL Haley Stephenson, Valador
Cost Estimating Antigua 3 & 4	Estimating Facilities is Easy.....Isn't It? Glenn Butts, NASA KSC	Estimation & Planning Processes Decide Project Success Dan Galorath, Galorath Inc.	Panning for Gold in Historical Operations Records Kevin Ingoldsby, Booz Allen Hamilton	Psychological Impacts on Judgment, Estimation, and Risk Assessment Arthur Chmielewski, NASA JPL	Phase E Cost Growth for NASA Science Missions Robert Bitten, The Aerospace Corporation Marc Hayhurst, The Aerospace Corporation
Scheduling Bonaire 1 & 2	Managing Projects Without Being Buried in Schedules Norm Smith, SmithOps	Improving the Quality of Your MS Project Schedule Brian Leach, Steelray Software	Alternative Scheduling Approaches for Spacecraft Subsystem Development Dewey Barlow, Victoria Weaver Mgmt. Group Cori Battista, JHU/APL	Joint Analysis of Cost and Schedule Rey Carpio, Tecolote Research Inc. Antonio Rippe, Tecolote Research Inc.	UPDATED Ready, Aim, Fire...IMPACT! --Status Impact Analysis Michael Cole, Booz Allen Hamilton
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Complex Projects Bonaire 3 & 4	UPDATED Back from Red: How to Assess the Health of Your Project Torsten Koerting, Duetsche Bank	Managing GRAIL: Launching on Cost, Schedule, and Spec Randall Taylor, NASA JPL	Contracting for Effective Collaboration in Complex Projects Bretton Ackroyd, International Centre for Complex Project Management	Right Sizing Your Project /Program Design Review Plan Anthony Byers, Lockheed Martin	Assessing Project Alternatives Through Trade-Off Analyses Johnetta Punch, NASA JSC
Back to PM Basics Bonaire 5 & 6	Sinking the Unsinkable: Basic Lessons for Project Leadership Pedro Ribeiro, Stratech/TheProjectOffice	Let's Talk Turkey about Statement of Work (SOW) Kerry Mushkin, The Boeing Company	7-Step Project Management Process John Marinaro, NASA GRC	Next Phase for Program Management: Managing Commercial Programs for Human Transport Carol Scott, NASA KSC John Cowart, NASA KSC Cheryl McPhillips, NASA KSC	Triple Your Project Success Rate: Risk & Requirements Louis Wheatcraft, Requirements Experts
Lessons Learned Bonaire 7 & 8	UPDATED NASA Future AR&D System Development - Strategy Rich Mrozinski, NASA JSC	UPDATED Space Launch System Progress Report Todd May, NASA MSFC Jody Singer, NASA MSFC	How One Functional Human-Factors Requirement Influenced a Rocket Cynthia Null, NASA LaRC	The Lessons Learned Vacuum of Space Patricia Foltz, MRI	KSC Human Factors Lessons Learned Damon Stambolian, NASA KSC Katrine Stelges, United Space Alliance
Great Ideas In Action Curacao 1 & 2	Cost Take Out for NASA Infrastructure Portfolio Robert St. Thomas, IBM Rudolph Simpson, IBM	Project Management and Zen Frank French, UMUC, Germany	Building a Cost Effective Project Portfolio Management System...Yes You Can! Linda Maleki, NASA JPL Cindy Trinh, NASA JPL	Great Ideas and Unique Capabilities Robert Odle, NASA JPL	Awakening One Creative Genius at a Time Patricia Pahlavani, NASA LaRC
Words of Wisdom Curacao 3 & 4	UPDATED Awakening of Project Consciousness through Stakeholders Buying In Adesh Jain, Institute of Projects and Program Management Aikta Jain, Institute of Projects and Program Management	UPDATED Complexity Challenges on Integration of Systems and Organizations Bryan Moser, Global Project Design Michael Lightfoot, NASA LaRC Ed Rogan, Global Project Design	5 Keys to Successful Project Management Wayne Brantley, Villanova University	Managing Complex, Large Programs/Projects; and Stakeholders Vania Neves, GlaxoSmithKline Gregory Robinson, NASA HQ	The Pathologies of the Conventional Wisdom of NASA Program Planning and Management Humboldt Mandell, Jr, University of Texas Center for Space Research
Systems Engineering Curacao 5 & 6	Systems Engineering, Architecting and Model Based SE Challenges and Opportunities Brian Muirhead, NASA JPL	Thinking Ahead to Verification and Validation Louis Wheatcraft, Requirements Experts	An MBSE Approach to Space Suit Development Christine Kovich, Wyle Lauren Cordova, Booz Allen Hamilton	UPDATED Orion Flight Test Architecture, Benefits of MBSE Approach Kimberly Simpson, NASA JPL Don Reed, NASA JSC	Systems Engineers with Moxie John Thomas, Booz Allen Hamilton Gary Brown, Booz Allen Hamilton Frank Koester, Booz Allen Hamilton
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Risk, Safety and Mission Assurance Curacao 7 & 8	Multidimensional Risk (MRISK) Douglas Brown, Booz Allen Hamilton Kenneth Johnson, NASA MSFC Raymond McCollum, Booz Allen Hamilton	Mission Assurance Audits Evolution, Ensuring NRO Mission Success Dean Baker, National Reconnaissance Office	JSC Safety and Mission Assurance Space Shuttle Program Legacy Report Michael Johnson, NASA JSC	A "System/Case Based" Approach to System Safety Homayoon Dezfuli, NASA HQ	Using a Systems Engineering Approach to Develop NASA Engineering Talent John Marinaro, NASA GRC James May, Alphaport, Inc.
Game Changing Innovation Grand Sierra A	Piloting Innovation Management Tools at NASA Langley Martin Waszak, NASA LaRC	System Integration: Infusion of Commercial Technology David Atwell, IBM Rudolph Simpson, IBM	JPL Innovation Foundry Brent Sherwood, NASA JPL	The Innovation-Ready Project Manager Josef Martens, Parsec, LLC	Changing the Platform: Repurposing Kennedy Space Center Trey Carlson, NASA KSC Mark Bontrager, Space Florida William Tippin, AECOM Larry Singer, AECOM
Panel Discussions Grand Sierra B	NASA's Challenges to Meeting Cost, Schedule, and Performance Goals Jim Morrison, NASA HQ Ridge Bowman, NASA HQ Diane Choma, NASA HQ Ray Tolomeo, NASA HQ	Principles for Success at NASA Ed Rogers, NASA GSFC Andy Chaikin, Author Chris Scolese, NASA HQ Steven Johnson, NASA HQ	Navigating NASA's Future Hal Bell, NASA HQ Chris Scolese, NASA HQ James Reuther, NASA HQ Dan Dumbacher, NASA HQ Tom Irvine, NASA HQ Jim Adams, NASA HQ	Achieving Project Success: Effective Project and Line Management Collaboration Sanjay Garg, NASA GRC Gary Seng, NASA GRC Ruben Del Rosario, NASA GRC Scott Graham, NASA GRC Tom Hartline, NASA GRC	
International Forum Grand Sierra C	International Collaboration in Space: Challenges, Opportunities, and the Way Forward Ed Hoffman, NASA HQ Mark Langley, PMI Chris Scolese, NASA HQ	An International Collaboration in Technical Workforce Development Ed Hoffman, NASA HQ Frank Danesy, ESA Toshihiko Oida, JAXA Ruediger Suess, DLR Lionel Baize, CNES	Learning from the SSP/ISS International Experience John Olson, NASA HQ Bill Gerstenmaier, NASA HQ (virtual) Jörn Rittweger, DLR William Mackey, CSA	Alpha Magnetic Spectrometer - A Space Particle Physics Experiment on ISS Peggy Evanich, University of Florida Trent Martin, NASA JSC	Evolving Challenges and Trends in International Project Management Ralph Zingle, PMI Ed Hoffman, NASA HQ Craig Killough, PMI
Policy and Guidance Grand Sierra F	NASA Program and Project Management Policy - What's New Sandra Smalley, NASA HQ Lara Petze, NASA HQ Ellen Stigberg, NASA HQ	UPDATED Early Integration of SMA Requirements in New Projects John Lyver, IV, NASA HQ	NASA's Baseline Performance Review - BPR Robert Woods, NASA HQ Arthur Lee Edwards, Dell Perot Systems	NPR 7120.5E PM and SRB Handbooks - The Bridge Between Policy and Implementation James Ortiz, NASA HQ Mike Blythe, NASA JSC	Tailoring NASA Requirements to Fit the Project Keith Boadway, NASA LaRC
People and Teams Grand Sierra G	UPDATED Digitally Collaborating with Multi-Center Teams Rodney Grubbs, NASA MSFC	Leveraging Independent Management and Chief Engineer Hierarchy Bryan Barley, NASA MSFC	UPDATED Engineer Exceptionally Capable Project Teams Steve Heise, ePM	Successful Attributes of the Juno Project Management Team Rick Nybakken, NASA JPL	Changing the Project Execution Culture at NASA Dryden Thomas Horn, NASA DFRC
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8:00 - 8:15	Pam Trance, PM Challenge Chair
8:15 - 8:45	Mark Langley, President, PMI: "Strategic Talent Management"
8:50 - 9:20	UPDATED Robert Lightfoot, Director, NASA Marshall Space Flight Center: "Lightfoot on Leadership"
9:30 - 10:00	Networking and Break
10:00 - 12:15	Morning Sessions (with a 15 minute break at 11:00 a.m.)
12:15 - 1:00	Lunch
1:00 - 1:45	Award Ceremony
1:45 - 2:15	John Thomas, Senior Vice President, Booz Allen Hamilton, President of INCOSE (International Council on Systems Engineering): "Risk of having a System Problem"
2:15 - 2:30	Break
2:30 - 4:45	Afternoon Sessions (with a 15 minute break at 3:30 p.m.)



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Managing Contracts Antigua 1 & 2	UPDATED Contracts and Requirements James Goodin, NASA KSC (retired)	Accepted Standards and Emerging Trends in Over Target Baseline (OTB) Contracts Simon Dekker, Dekker, Ltd.	Commercialization of NASA Facilities Kathryn McLaurin, NASA JSC Angela Prince, NASA JSC James Edwin, Jacobs Technology Inc.	Contract Transitions - Responsibility Notes for the Incumbent Tracy Dorsey, SGT
Business and Budgeting Antigua 3 & 4	Resource Management: Technical vs. Financial; Making the Connection Kenesha Starling, NASA JSC Sharyl Butler, NASA JSC	Mission Resource/Capability Analyzer: Estimating Multi-Mission Service Cost Marilyn Newhouse, CSC	How the Budget Control Act of 2011 Affects NASA Scott Cameron, Grant Thornton, LLP	Managing Small Spacecraft Projects: Less is Not Easier Bryan Barley, NASA MSFC
EVM Bonaire 1 & 2	NASA Earned Value Management (EVM) Update Jerald Kerby, NASA MSFC	Earned Value Analysis: Making It Work Joseph Lukas, PMCenterUSA	UPDATED Low Cost Earned Value Management System (EVMS) Implementation Zakir Mahmood, Grant Thornton LLP Andrew Porter, Grant Thornton, LLP	UPDATED EVMS Self-Evaluation and Certification Michael Lee, IBM Rudolph Simpson, IBM
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IT and S/W Engineering Bonaire 3 & 4	UPDATED Facilitating NPR7150.2 Compliance and CMMI L2/L3 audit Michel Izygon, Tietronix Scott Heatherington, Tietronix Software	AEGIS Automated Targeting for the MER Rover Mission Tara Estlin, NASA JPL	Future Direction for Software Engineering Training at NASA /KSC Network Consolidation Carl Daniele, ASRC Aerospace Steven Murphy, QinetiQ North America Inc.	"Guerrilla Scrum": Innovatively Implementing Scrum Management Johnny Busby, SAIC
Independent Review In Action Bonaire 5 & 6	Independent Review Policy Implementation Update James Ortiz, NASA HQ	Development of Uncertainty Factors from Historical NASA Projects Tahani Amer, NASA HQ Will Jarvis, NASA HQ Ariel Pinto, Old Dominion University	Life Cycle Reviews: Programmatic Analysis Lessons Learned Heidemarie Borchardt, NASA HQ Michele King, Reed Integration Kelly Moses, Reed Integration Robin Smith, Reed Integration	UPDATED Instrument First, Spacecraft Second: Implementing a New Paradigm Robert Bitten, The Aerospace Corporation
PM Perspectives Bonaire 7 & 8	Extended Project, Program and Portfolio Management Framework Jouko Vaskimo, Ixonos PLC	Ensuring the Success of 5 NASA/JPL Projects Launched in 8 Months Alfred Zieger, NASA JPL	UPDATED Flight Schedule "Killers": Problems/Solutions in Phase C/D Ann Over, NASA GRC	Program Management Complexity: A Competency Model J. LeRoy Ward, ESI International
Great Ideas In Action Curacao 1 & 2	Architecture for Cost Analytics Process Environment Anthony Harvey, Tecolote Research Inc.	Building Communities of Engineers to Share Technical Expertise Daria Topousis, NASA JPL Lorraine Fesq, NASA JPL	Development and Deployment of Operational Project Managers Toolkit Vince Bilardo, NASA MSFC	Watson and Jeopardy: The Role of Project Management Jim De Piante, IBM
Words of Wisdom Curacao 3 & 4	Unspoken Fears: What Gives Brave Project Managers Nightmares Dhanu Kothari, D2i Consulting Romeo Mitchell, Bold Management Consulting	UPDATED Commercial Crew Program: Maintaining Flexibility with Program Strategy Changes Ed Mango, NASA KSC Justin Kerr, NASA KSC Chris Gerace, NASA KSC Scott Thurston, NASA KSC	UPDATED Risk as an Essential Part of R&D Gregory Fletcher, Southwest Research Institute	Foundation of Ethics - East to West James Goodin, NASA KSC (Retired)
Systems Engineering Curacao 5 & 6	Project Management Lessons from Engineering History Glenn Perez, NASA KSC	UPDATED Experimental Program to Stimulate Competitive Research Jeppie Compton, NASA KSC	Systems Engineering Using a Model - Orion Case Study Thomas McVittie, NASA JPL	Role of MBSE in NASA's Space Communications Networks Bertsel Golden, NASA GRC
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<p>Risk, Safety and Mission Assurance</p> <p>Curacao 7 & 8</p>	<p>Risk Management During Integrated Systems Research Technology Development</p> <p>Steven Hirshorn, NASA HQ Gaudy Bezos O'Connor, NASA LaRC Douglas Brown, Booz Allen Hamilton</p>	<p>NASA's Commitment to Limiting the Generation of Orbital Debris</p> <p>John Lyver, IV, NASA HQ</p>	<p>Contingency Plans 101: A Project Manager's Guide</p> <p>Kimberly Ennix-Sandhu - NASA DFRC</p>	<p>Practical Applications of Risk-Informed Decision Making - No Fear!</p> <p>Scott Field, Futron Corporation</p>
<p>Game Changing Innovation</p> <p>Grand Sierra A</p>	<p>Harnessing Social Media for Increased Public Engagement</p> <p>Young Kwak, George Washington University</p>	<p>New Paradigms for Industrial Partnering</p> <p>Phyl Speser, Foresight Science and Technology</p>	<p>Get (in) on Innovation - NASA Innovation Ecosystem</p> <p>Jill Hardash, Booz Allen Hamilton Richard Summers, Booz Allen Hamilton Brady Decker, NASA HQ</p>	<p>Viewing Projects & Missions as Solution Delivery Efforts</p> <p>Adalberto Sierra, NASA KSC Tim Kotnour, Univ. of Central Florida</p>
<p>Panel Discussions</p> <p>Grand Sierra B</p>	<p>The OpenNASA Platform: Making NASA's Resources Accessible to the World</p> <p>Sean Herron, Valador Ali Llewellyn, Valador Scott Goodwin, NASA HQ William Eshagh, Dell Services</p>	<p>Collaborative Innovation: Crowd Sourcing and Partnership Building</p> <p>Melvin Ferebee, NASA LaRC Cynthia Rando, Wyle Steven Domeck, InnoCentive Dan Fry, NASA JSC</p>	<p>Striking Balance B/n Institutional Risks and Programmatic Requirements Louis Fussell, Futron Corporation Natesan Jambulingam, NASA GSFC Sharon Thomas, NASA JSC (virtual) Shelley Delay, NASA MSFC</p>	<p>A Journey of Innovation: Efforts to Foster and Sustain Innovation at NASA Field Centers</p> <p>Richard Antcliff, NASA LaRC Karen Thompson, NASA KSC Andrew Keys, NASA MSFC</p>
<p>International Forum</p> <p>Grand Sierra C</p>	<p>Earth Systems Sciences - Global Challenges Requiring Global Collaboration</p> <p>Steve Volz, NASA HQ (virtual) Mark Doherty, ESA/ESRIN</p>	<p>A Global Exploration Strategy (ISECG) - Partners Anticipating the Future....</p> <p>John Olson, NASA HQ Eric Laliberte, CSA (invited) Joon-min Choi, KARI Bernhard Hufenbach, ESA (virtual) Gib Kirkham, NASA HQ (virtual)</p>	<p>International Perspectives in Exploration & Implementation</p> <p>Lionel Baize, CNES Petra Georgi, DLR Jacques Arnould, CNES Florian David, DLR</p>	<p>Managing Space Projects in a Changing Global Environment</p> <p>Joon-min Choi, KARI Eric Laliberte, CSA Erio Schweickardt, INVAP Chris Stevens - PMI-Sydney Australia</p>
<p>Policy and Guidance</p> <p>Grand Sierra F</p>	<p>Exploration Beyond Low Earth Orbit</p> <p>Daniel Dumbacher, NASA HQ</p>	<p>GAO Quick Look Book</p> <p>Kathleen Gallagher, NASA HQ</p>	<p>NASA Software Engineering Benchmarking Effort</p> <p>Heather Rarick, NASA JSC</p>	<p>Program Cancellation: Failure Modes & Lessons Learned</p> <p>S. John Newman, ARES Corporation</p>
<p>People and Teams</p> <p>Grand Sierra G</p>	<p>Crowdsourcing, Collaboration, Web 2.0 to Enhance Project Management</p> <p>Montressa Washington, IBM Rudolph Simpson, IBM</p>	<p>Providing Hope in Troubled Times through Strategic Planning</p> <p>Terri Tramel, NASA MSFC Timothy Vaughn, NASA MSFC</p>	<p>Influencing a Culture Change</p> <p>Mark Wiese, NASA KSC</p>	<p>People, Process, and Project Success</p> <p>Todd Williams, eCameron Inc.</p>
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