

12<sup>th</sup> Annual  
**CMMI®**  
**Technology  
Conference &  
User Group**

NOVEMBER 5-8, 2012  
[WWW.NDIA.ORG/MEETINGS/3110](http://WWW.NDIA.ORG/MEETINGS/3110)

HYATT REGENCY DENVER TECH CENTER ► DENVER, CO

# MONDAY, NOVEMBER 5, 2012

7:30 AM - 8:30 AM REGISTRATION & CONTINENTAL BREAKFAST - GRAND MESA FOYER

	8:30 AM - 10:00 AM	10:30 AM - 12:00 PM	1:30 PM - 3:30 PM	3:30 PM - 5:00 PM
<b>WIND RIVER TRACK 1</b>	<p><del>14568 - Leaning Six Sigma Into Software Engineering</del></p> <p>Mr. Harlan Black, <i>U.S. Army CECOM Software Engineering Center</i></p> <p><b>CANCELLED</b></p>	<p><del>(CONTINUED) 14568 - Leaning Six Sigma Into Software Engineering</del></p> <p>Mr. Harlan Black, <i>U.S. Army CECOM Software Engineering Center</i></p> <p><b>CANCELLED</b></p>	<p><del>(CONTINUED) 14568 - Leaning Six Sigma Into Software Engineering</del></p> <p>Mr. Harlan Black, <i>U.S. Army CECOM Software Engineering Center</i></p> <p><b>CANCELLED</b></p>	<p><del>(CONTINUED) 14568 - Leaning Six Sigma Into Software Engineering</del></p> <p>Mr. Harlan Black, <i>U.S. Army CECOM Software Engineering Center</i></p> <p><b>CANCELLED</b></p>
<b>MESA VERDE TRACK 2</b>	<p>15060 - Get an Understanding of Variation that Extends Beyond Statistical Process Control</p> <p>Mr. Kobi Vider, <i>K.V.P. Consulting</i></p>	<p>(CONTINUED) 15060 - Get an Understanding of Variation that Extends Beyond Statistical Process Control</p> <p>Mr. Kobi Vider, <i>K.V.P. Consulting</i></p>	<p>15069 - Base Your Initial Measurement Plan to be the Leverage Tool that is Used as the Enabler to Full PPM that Support the QPM with CAR Facilitation</p> <p>Mr. Kobi Vider, <i>K.V.P. Consulting</i></p>	<p>(CONTINUED) 15069 - Base Your Initial Measurement Plan to be the Leverage Tool that is Used as the Enabler to Full PPM that Support the QPM with CAR Facilitation</p> <p>Mr. Kobi Vider, <i>K.V.P. Consulting</i></p>
<b>WIND STAR TRACK 3</b>	<p>15233 - How Many Sampling Factors Does it Take...? (Organization Scoping of A SCAMPI v1.3 Appraisals)</p> <p>Mr. Michael Campo, <i>Raytheon Company</i></p>	<p>(CONTINUED) 15233 - How Many Sampling Factors Does it Take...? (Organization Scoping of A SCAMPI v1.3 Appraisals)</p> <p>Mr. Michael Campo, <i>Raytheon Company</i></p>	<p>14825 - Making Process Improvement Work for Service and Development Organizations – Tying Improvement and CMMI® Directly to What You Care About</p> <p>Mr. Neil Potter, <i>The Process Group</i></p>	<p>(CONTINUED) 14825 - Making Process Improvement Work for Service and Development Organizations – Tying Improvement and CMMI® Directly to What You Care About</p> <p>Mr. Neil Potter, <i>The Process Group</i></p>

5:00 PM - 6:00 PM NETWORKING RECEPTION - ATRIUM  
ALL ATTENDEES ARE WELCOME

# TUESDAY, NOVEMBER 6, 2012

7:30 AM - 8:30 AM REGISTRATION & CONTINENTAL BREAKFAST - GRAND MESA FOYER

8:00 AM - 8:15 AM WELCOME AND OPENING REMARKS  
▶ Mr. Sam Campagna, *Assistant Vice President, Operations, NDIA*

8:15 AM - 9:15 AM KEYNOTE  
▶ Mr. Kirk Botula, *CMMI Institute*

9:15 AM - 10:00 AM FUTURE OF CMMI®  
▶ Mr. Rusty Young, *Software Engineering Institute*

10:00 AM - 10:30 PM MORNING BREAK - ATRIUM

10:30 AM - 12:00 PM PANEL: CHANGES, CHALLENGES, AND OPPORTUNITIES FOR TRANSITIONING THE SUPPORT OF CMMI

Moderator: Mr. Geoff Draper, *Harris Corporation*

Program Representatives of CMMI Institute and Software Engineering Institute:

- ▶ Mr. Kirk Botula & Ms. Lisa Masciantonio, *CMMI Institute*
- ▶ Mr. Rusty Young & Dr. Mike Konrad, *Software Engineering Institute*

12:00 PM - 1:30 PM LUNCHEON WITH SPEAKER

- ▶ Lt Gen Larry Farrell, USAF (Ret), *President & CEO, NDIA*

1:30 PM - 5:00 PM BREAKOUT SESSIONS

	SESSION CHAIR	1:30 PM - 2:15 PM	2:15 PM - 3:00 PM
TRACK 1 CMMI® & AGILE WIND RIVER	DR. MIKE KONRAD, SOFTWARE ENGINEERING INSTITUTE	<b>14823 - Comparing Scrum And CMMI® - How They Can Work Together</b>  Mr. Neil Potter, <i>The Process Group</i>	<b>15052 - Reconciling CMMI®-DEV Processes with Agile Software Development</b>  Mr. Richard Chipman, <i>SAIC</i>
TRACK 2 PRACTICAL GUIDANCE MESA VERDE	MR. GEOFF DRAPER, HARRIS CORPORATION	<b>15017 - A Guide for Implementing CMMI-Compliant Measurement and Analysis</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>	<b>14578 - The Evolution of Process Asset Libraries</b>  Ms. Lynn Penn, <i>Lockheed Martin Corporation</i>
TRACK 3 HIGH MATURITY WIND STAR	MR. STEVE HENRY, NORTHROP GRUMMAN	<b>15051 - Quantitative Model Olympics</b>  Ms. Debra Smith, <i>Raytheon Company</i>	<b>14983 - No Surprises: A Case Study for Using Statistical Process Control for Real-Time Improvement</b>  Mr. Craig Hale, <i>Esterline Control Systems - AVISTA</i>
TRACK 4 APPRAISALS HIGHLANDS	MR. DAN BLAZER, SAIC	<b>14800 - SCAMPI A v1.3 MDD Usage Profile</b>  Mr. Michael Campo, <i>Raytheon Company</i>	<b>15227 - Work Sampling</b>  Mr. Rusty Young, <i>Software Engineering Institute</i>
<b>AFTERNOON BREAK - ATRIUM</b>			
	SESSION CHAIR	3:30 PM - 4:15 PM	4:15 PM - 5:00 PM
TRACK 1 CMMI® & AGILE WIND RIVER	DR. MIKE KONRAD, SOFTWARE ENGINEERING INSTITUTE	<b>15268 - CMMI® or Agile: Why Not Embrace Both!</b>  Dr. Mike Konrad, <i>Software Engineering Institute</i>	<b>15045 - Agile Quality Management Techniques</b>  Mr. James Jamieson, <i>Dynamics Research Corporation</i>
TRACK 2 PRACTICAL GUIDANCE MESA VERDE	MR. GEOFF DRAPER, HARRIS CORPORATION	<b>14824 - Making Processes Really Simple and Effective Using Lessons Learned from Surgical Checklists</b>  Mr. Neil Potter, <i>The Process Group</i>	<b>15076 - Understanding the Impact of Certain Uncertain Event Using Bayesian Network</b>  Mr. Kobi Vider, <i>K.V.P Consulting</i>
TRACK 3 HIGH MATURITY WIND STAR	MR. STEVE HENRY, NORTHROP GRUMMAN		<b>15105 - Achieving Higher Maturity Capabilities and Levels - Focus On Centralized SPC Group, Pros and Cons</b>  Mr. Raymond Daves, <i>The Boeing Company</i>
TRACK 4 APPRAISALS HIGHLANDS	MR. DAN BLAZER, SAIC	<b>14948 - Implementing the Managed Discovery Approach - What Worked, What Didn't Work</b>  Ms. Ella Abele, <i>Northrop Grumman Corporation</i>	<b>15018 - Why "Managed Discovery" is Dangerous</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>

5:00 PM - 6:00 PM NETWORKING RECEPTION - ATRIUM

# WEDNESDAY, NOVEMBER 7, 2012

7:30 AM - 8:30 AM REGISTRATION & CONTINENTAL BREAKFAST - GRAND MESA FOYER

8:30 AM - 12:00 PM BREAKOUT SESSIONS

	SESSION CHAIR	8:30 AM - 9:15 AM	9:15 AM - 10:00 AM
<b>TRACK 1 CMMI® &amp; AGILE WIND RIVER</b>	DR. MIKE KONRAD, SOFTWARE ENGINEERING INSTITUTE	<b>14783 - A Funny Thing Happened on the Way to the Mobile App Store: Agile Processes and the Design and Development of Hybrid Mobile Apps</b>  Mr. Ronald Stauffer, <i>Raytheon Company</i>	<b>14923 - Agile by the Numbers</b>  Mr. Donald Beckett, <i>Quantitative Software Management</i>
<b>TRACK 2 PRACTICAL GUIDANCE MESA VERDE</b>	MR. GEOFF DRAPER, HARRIS CORPORATION	<b>15063 - Data Quality and Integrity</b>  Mr. Kobi Vider, <i>K.V.P. Consulting</i>	<b>14570 - Return on Process (ROP™): Getting Real Performance Results from Process Improvement</b>  Mr. Michael West, <i>Natural SPI, Inc.</i>
<b>TRACK 3 HIGH MATURITY WIND STAR</b>	MR. STEVE HENRY, NORTHROP GRUMMAN	<b>15044 - High Maturity Evolution</b>  Mr. Michael Campo, <i>Raytheon Company</i> ; Ms. Kathy Smith, <i>Business Improvement Consulting, LLC</i>	<b>15077 - A Practical Planning Template for High Maturity</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>
<b>TRACK 4 APPRAISALS HIGHLANDS</b>	MR. DAN BLAZER, SAIC	<b>15100 - OPTM, A Robust Tool For Process Compliance</b>  Mr. Forrest Callicutt, <i>The Boeing Company</i>	
<b>MORNING BREAK - ATRIUM</b>			
	SESSION CHAIR	10:30 AM - 11:15 AM	11:15 AM - 12:00 PM
<b>TRACK 1 MULTI-MODEL IMPROVEMENT WIND RIVER</b>	MS. ANN ALDAPE, BOEING COMPANY		<b>15066 - Using the SCAMPI Method to lead CMMI® Multi-Constellations with Additional Standards Progress Check and Appraisal</b>  Mr. Kobi Vider, <i>K.V.P. Consulting</i>
<b>TRACK 2 PRACTICAL GUIDANCE MESA VERDE</b>	MR. GEOFF DRAPER, HARRIS CORPORATION	<b>15094 - Estimating the Cost of CMMI-Based Improvement</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>	<b>14692 - Unique CMMI® Challenges for Information Assurance Processes</b>  Dr. Paul Nugent, <i>General Dynamics Advanced Information Systems</i>
<b>TRACK 3 SERVICES WIND STAR</b>	MR. STEVE HENRY, NORTHROP GRUMMAN	<b>15083 - CMMI® vs. Zombies: How CMMI®-SVC Can Help in the Zombie Apocalypse</b>  Mr. Bill Smith, <i>Leading Edge Process Consultants</i>	<b>15143 - Beyond Service or Product Management: Using CMMI®-SVC and CMMI®-DEV Together</b>  Ms. Eileen Forrester, <i>Software Engineering Institute/CMU</i>
<b>TRACK 4 APPRAISALS HIGHLANDS</b>	MR. DAN BLAZER, SAIC		<b>15024 - CMMI® SCAMPI Maintenance Appraisals: SCAMPI M</b>  Mr. Michael Campo, <i>Raytheon Company</i>

12:00 PM - 1:30 PM LUNCHEON - GRAND MESA ABC

1:30 PM - 5:00 PM BREAKOUT SESSIONS

	SESSION CHAIR	1:30 PM - 2:15 PM	2:15 PM - 3:00 PM
<b>TRACK 1 MULTI-MODEL IMPROVEMENT WIND RIVER</b>	MS. ANN ALDAPE, BOEING COMPANY	<b>14577 - Alignment of CMMI® for Acquisition, CMMI® for Development and Agile Methods as Potential Favorable Contributors to the Rapid Acquisition of IT Systems in Support of Public Law 111</b>  Dr. Kenneth Nidiffer, <i>Software Engineering Institute</i>	<b>15226 - Data Management Maturity Model</b>  Mr. Rusty Young, <i>Software Engineering Institute</i>
<b>TRACK 2 PRACTICAL GUIDANCE MESA VERDE</b>	MR. GEOFF DRAPER, HARRIS CORPORATION	<b>15029 - CMMI for Executives</b>  NDIA CMMI Working Group	
<b>TRACK 3 SERVICES WIND STAR</b>	MR. KERRY TRUJILLO, RAYTHEON	<b>14822 - A Real-life Example of Appraising and Interpreting CMMI-Services Maturity Level 2</b>  Mr. Neil Potter, <i>The Process Group</i>	<b>15108 - We're Using Both CMMI®-DEV and CMMI®-SVC. How Do We Scope an Appraisal?</b>  Mr. Sam Fogle, <i>ACE Guides</i>
<b>TRACK 4 APPRAISALS HIGHLANDS</b>	MR. MIKE CAMPO, RAYTHEON COMPANY	<b>15099 - Panel: Tips for Improving the Effectiveness and Efficiency of SCAMPI Appraisals</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>	<b>(CONTINUED) 15099 - Tips for Improving the Effectiveness and Efficiency of SCAMPI Appraisals</b> Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>
<b>AFTERNOON BREAK - ATRIUM</b>			
	SESSION CHAIR	3:30 PM - 4:15 PM	4:15 PM - 5:00 PM
<b>TRACK 1 MULTI-MODEL IMPROVEMENT WIND RIVER</b>	MS. ANN ALDAPE, BOEING COMPANY	<b>14589 - Panel: Applying CERT-RMM Users Group Workshop Experiences</b>  Ms. Julia Allen, <i>Carnegie Mellon University</i>	<b>(CONTINUED) 14589 - Applying CERT-RMM Users Group Workshop Experiences</b>  Ms. Julia Allen, <i>Carnegie Mellon University</i>
<b>TRACK 2 PRACTICAL GUIDANCE MESA VERDE</b>	MR. RUSTY YOUNG, SOFTWARE ENGINEERING INSTITUTE	<b>15059 - Understanding the Systems Engineering Side of CMMI®</b>  Mr. Kobi Vider, <i>K.V.P. Consulting</i>	<b>15043 - Building a Business Case for Systems Engineering - The Results of the 2012 SE Effectiveness Study</b>  Mr. Geoff Draper, <i>Harris Corporation</i>
<b>TRACK 3 SERVICES WIND STAR</b>	MR. KERRY TRUJILLO, RAYTHEON	<b>15109 - Is Decision Analysis and Resolution (DAR) Intended Only for Grand Decisions or is it for Everyday Use? Let's Use DAR to Decide!</b>  Mr. Sam Fogle, <i>ACE Guides</i>	<b>14984 - Cure Your Team's Process Improvement Fatigue and Boost Their Effectiveness</b>  Mr. Craig Hale, <i>Esterline Control Systems - AVISTA</i>
<b>TRACK 4 APPRAISALS HIGHLANDS</b>	MR. MIKE CAMPO, RAYTHEON COMPANY	<b>15026 - Reducing Costs through SCAMPI Delta Appraisals</b>  NDIA CMMI Working Group	<b>15016 - Refocusing Appraisals on Achieving and Sustaining Improvement</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>

# THURSDAY, NOVEMBER 8, 2012

**7:30 AM - 8:30 AM**      **REGISTRATION & CONTINENTAL BREAKFAST - ATRIUM**

**8:30 AM - 10:00 AM**      **PLENARY SESSION - MESA VERDE**

**WORKSHOP & FEEDBACK**

**Cost-Effective Approaches for CMMI® Implementation and Appraisals**

**Moderator:** Mr. Dan Blazer, SAIC

**Panelists:**

- ▶ Mr. Michael Campo, *Raytheon Company*
- ▶ Dr. Rick Hefner, *Northrop Grumman Corporation*
- ▶ Ms. Lynn Penn, *Lockheed Martin Corporation*
- ▶ Ms. Ann Aldape, *The Boeing Company*

**10:00 AM - 10:30 AM**      **MORNING BREAK - ATRIUM**

**10:30 AM - 12:00 PM**      **BREAKOUT SESSIONS**

	<i>SESSION CHAIR</i>	<b>10:30 AM - 11:15 AM</b>	<b>11:15 AM - 12:00 PM</b>
<b>TRACK 1 MULTI-MODEL IMPROVEMENT WIND RIVER</b>	<i>MS. ANN ALDAPE, BOEING COMPANY</i>	<b>14680 - Using the Equity in AS9100C to Implement CMMI®-DEV v1.3 Maturity Level 3</b>  Dr. Mary Anne Herndon, <i>Transdyne Corporation</i>	
<b>TRACK 2 PRACTICAL GUIDANCE MESA VERDE</b>	<i>MR. RUSTY YOUNG, SOFTWARE ENGINEERING INSTITUTE</i>	<b>14702 - CMMI® Compliant Systems/Software Configuration Management</b>  Mr. Al Florence, <i>MITRE Corporation</i>	<b>14700 - CMMI® Compliant Independent Verification and Validation</b>  Mr. Al Florence, <i>MITRE Corporation</i>
<b>TRACK 3 CMMI® &amp; PROCESS IMPROVEMENT WIND STAR</b>	<i>MR. KERRY TRUJILLO, RAYTHEON</i>	<b>15053 - The Effects of Software Process Maturity on Software Development Effort</b>  Mr. Kobi Vider, <i>K.V.P. Consulting</i>	<b>14946 - eXecution+: Affordable, Effective Organizational Change</b>  Mr. Charles Adams, <i>Raytheon Company</i>
<b>TRACK 4 APPRAISALS HIGHLANDS</b>	<i>MR. MIKE CAMPO, RAYTHEON COMPANY</i>	<b>15015 - Becoming a Highly Effective Appraiser</b>  Dr. Rick Hefner, <i>Northrop Grumman Corporation</i>	<b>14586 - Leveling: In Lieu of a Mind Meld...</b>  Ms. Courtney Walsh, <i>Raytheon Missile Systems</i>

Abstract ID	Abstract Title	Secondary Authors
14578	The Evolution of Process Asset Libraries	Ms. Dorna Witkowski
14586	Leveling: In lieu of a mind meld...	Mr. Mark Marsh
14589	Applying CERT-RMM Users Group Workshop Experiences	Ms. Lynn Penn
14680	Using the Equity in AS9100C to Implement CMMI-DEV v1.3 Maturity Level 3	Sandra Salars
14948	Implementing the Managed Discovery Approach - What Worked, What Didn't Work	Mr. Gary Norausky
15043	Building a Business Case for Systems Engineering - the results of the 2012 SE Effectiveness Study	Mr. Geoff Draper
15044	High Maturity Evolution	Michael Campo, Kathy Smith
15045	Agile Quality Management Techniques	Mr. M. Hosein Fallah
15051	Quantitative Model Olympics	Mr. Joseph Trujillo
15077	A Practical Planning Template for High Maturity	Tom Fosness
15099	Tips for Improving the Effectiveness and Efficiency of SCAMPI Appraisals	Pat O'Toole, John Ryskowski, Ralph Williams
15100	OPTM, A Robust Tool For Process Compliance	Mr. Bob Ferguson, Ms. Christy Rainey, Ms. Cheryl Ray, Ms. Teresa Walker
15105	Achieving Higher Maturity Capabilities and Levels - Focus On Centralized SPC Group, Pros and Cons	Mr. Forrest Callicutt
15119	Lessons Learned Implementing Very Large Scale Enterprise Appraisals Using SCAMPI V1.3	Mr. Steve Dunkleberger, Mr. Mel Wahlberg
15143	Beyond Service or Product Management: Using CMMI-SVC and CMMI-DEV Together	Ms. Lynn Penn



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ATTENDING  
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12<sup>th</sup> Annual  
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**The Attendee Roster and Conference Proceedings link will be emailed to all attendees within the next week.**

**All proceedings for public release will be posted to:  
<http://www.dtic.mil/ndia/2012CMMI/2012CMMI.html>**