9TH ANNUAL

CMMI® TECHNOLOGY CONFERENCE AND USER GROUP

CMMI® is registered in the U.S. Patent & Trademark Office by Carnegie Mellon University

Investigation, Measures and Lessons Learned About the Relationship Between CMMI® Process Capability and Project or Program Performance

SPONSORED BY:
NATIONAL DEFENSE INDUSTRIAL ASSOCIATION SYSTEMS ENGINEERING DIVISION IN CONJUNCTION WITH:

Software Engineering Institute
Carnegie Mellon University

This conference brings together the managers and professionals involved in Acquisition Management, Systems Engineering, Program Management, Software Development, Process Improvement, Six Sigma and related activities for the purpose of advancing the state-of-the-art in process improvement and achieving a higher state of process capability in engineering development in order to reduce cost, schedule and risk, and improve overall quality.

Who Should Attend?
Defense, aerospace and commercial companies, CMMI® Transition Partners, Department of Defense organizations, small companies specializing in software and systems engineering development, tools and processes, acquisition, or services, and other government agencies.

What will be presented?
A wide variety of presentations, including the new CMMI for Services, integrated process improvement, Lean/Agile and Six Sigma approaches, and evolving approaches and lessons learned involving SCAMPISM appraisal methods. The latest state of the CMMI V.3 release will be presented and questions answered.

HYATT REGENCY TECH CENTER ▶ DENVER, CO

NOVEMBER 16-19, 2009
WWW.NDIA.ORG/MEETINGS/0110

EVENT #0110

ANNOUNCEMENT

The National Defense Industrial Association, Systems Engineering Division, in conjunction with the Software Engineering Institute, Carnegie Mellon University, is pleased to announce the 9th Annual CMMI® (Capability Maturity Model Integration) Technology Conference & User Group. This premier conference will be held November 16-19, 2009, at the Hyatt Regency Tech Center in Denver, Colorado.

The purpose of the conference is to exchange ideas, concepts and lessons learned concerning the continuing evolution, adoption and use of the CMMI® and its associated appraisal (assessment and evaluation) methods. This conference brings together CMMI® adopters, users, developers and appraisers, as well as those with general interest in process improvement. It provides a forum for the free exchange of ideas and affords a unique opportunity to meet with the sponsors, developers and stewards of the CMMI®, as well as those offering CMMI® training and implementation assistance. Emphasis will be placed on CMMI® implementation methods and strategies, return on investment and program/project performance benefits.

PLAN TO STAY FOR THE THURSDAY AFTERNOON REVIEW OF CMMI V1.3!

CONTACTS

Ms. Kelly Seymour, Meeting Planner, kseymour@ndia.org, (703) 247-2583

Conference Chair: Mr. Bob Rassa, Director, Engineering Programs, Raytheon Space & Airborne Systems or Raytheon SAS, rcrassa@raytheon.com, (310) 985-4962

Technical Program Chairs: Mr. Jeffrey Dutton, Jacobs Technology ITSS, jeff.dutton@jacobs.com, and Mr. Rick Barbour, Software Engineering Institute, reb@sei.cmu.edu

CMMI® TECHNOLOGY CONFERENCE AND USER GROUP
HYATT REGENCY TECH CENTER ▶ DENVER, COLORADO
NOVEMBER 16-19, 2009

The CMMI® was developed in cooperation with the Department of Defense, Industry and the Software Engineering Institute, and has become the defacto standard for integrated process improvement across multiple disciplines within commercial, Department of Defense and government organizations. Although sponsored by the Department of Defense and NDIA, the CMMI® is used by commercial as well as government and industry organizations, and this conference will address all applications. The purpose of CMMI® is to provide for improvements in cost, schedule and overall performance of projects in engineering, acquisition, and services by eliminating "stovepipe" maturity models and allowing organizations to integrate their process improvement efforts. CMMI® has been shown to reduce costs, to implement internal process improvement, including appraisals (assessments & evaluations) and provide a common baseline and lexicon for process improvement.

CONFERENCE OBJECTIVE

This conference brings together the managers and professionals involved in Acquisition Management, Systems Engineering, Program Management, Software Development, Process Improvement, Six Sigma and related activities for the purpose of advancing the state-of-the-art in process improvement and achieving a higher state of process capability in engineering development in order to reduce cost, schedule and risk, and improve overall quality.

CONFERENCE ATTIRE

Appropriate dress for this conference is business for civilians (coat and tie) and class A uniform or uniform of the day for military.

CONFERENCE PROCEEDINGS

Proceedings will be available on the web through the Defense Technical Information Center (DTIC), and will be available one to two weeks after the conference. You will receive notification via e-mail once proceedings are posted and available on the web

SUNDAY, NOVEMBER 15, 2009

3:00 pm - 6:00 pm **Registration Open**
Located in Grand Mesa Foyer, 2nd floor

MONDAY, NOVEMBER 16, 2009

7:00 am - 6:00 pm **Registration Open**
Located in Grand Mesa Foyer, 2nd floor

7:00 am - 8:00 am **Continental Breakfast (Tutorial Attendees Only)**
Located in Grand Mesa Foyer, 2nd floor

8:00 am - 5:00 pm **Tutorial Sessions (Tutorial Attendees Only)**

9:45 am - 10:15 am **Break (Tutorial Attendees Only)**
Located in Atrium Display Area, 2nd floor

12:00 pm - 1:00 pm **Lunch (Tutorial Attendees Only)**
Located in Grand Mesa ABC

2:45 pm - 3:15 pm **Break (Tutorial Attendees Only)**
Located in Atrium Display Area, 2nd floor

5:00 pm - 6:00 pm **Reception (Open to ALL ATTENDEES)**
Located in Atrium Display Area, 2nd floor

TUESDAY, NOVEMBER 17, 2009

7:00 am - 6:30 pm **Registration Open**
Located in Grand Mesa Foyer, 2nd floor

7:00 am - 8:15 am **Continental Breakfast**
Located in Atrium Display Area, 2nd floor

8:15 am - 8:30 am **Welcome and Opening Remarks**
Located in Grand Mesa DEF, 2nd floor
▸ Mr. Sam Campagna, *Director, Operations, NDIA*
▸ Mr. Bob Rassa, *Director, Engineering Programs, Raytheon Space & Airborne Systems or Raytheon SAS*

8:30 am - 9:10 am **Keynote Address**
Located in Grand Mesa DEF, 2nd floor
▸ Maj Gen Paul Nielsen, *USAF (Ret), Director, Software Engineering Institute*

9:10 am - 9:45 am **CMMI® - State of the Model: The Issue of High Maturity**
Located in Grand Mesa DEF, 2nd floor
▸ Mr. Clyde Chittister, *COO, Software Engineering Institute*
▸ Mr. Bob Rassa, *Director, Engineering Programs, Raytheon Space & Airborne Systems*

9:45 am - 10:15 am **Break**
Located in Atrium Display Area, 2nd floor

10:15 am - 12:00 pm **Executive Panel**
Located in Grand Mesa DEF, 2nd floor
Moderator: Mr. Bob Rassa, *Director, Engineering Programs, Raytheon Company*
▸ Mr. Mike Twyman, *VP of the Integrated Command and Control Business Unit, Northrop Grumman Corp.*
▸ Mr. David J. Tyler, *Sr. Manager, IIS Enterprise Process Effectiveness, Raytheon Company*
▸ Mr. Wesley Covell, *President of Defense Programs, Harris Corp.*
▸ Ms. Lynn Penn, *Director of Process Management, Lockheed Martin Corporation*
▸ Mr. Girish Seshagiri, *CEO, Advanced Information Services, Inc.*

12:00 pm - 1:30 pm **Lunch**
Located in Grand Mesa ABC
▸ Mr. Hal Wilson, *Director, Engineering Defense Systems Division, Northrop Grumman Information Systems*

1:30 pm - 3:00 pm	**Concurrent Sessions**	
3:00 pm - 3:30 pm	**Break**	
	Located in Atrium Display Area, 2nd floor	
3:30 pm - 5:00 pm	**Concurrent Sessions**	
5:00 pm - 6:30 pm	**Reception**	
	Located in Atrium Display Area, 2nd floor	

WEDNESDAY, NOVEMBER 18, 2009

7:00 am - 4:30 pm	**Registration Open**
	Located in Grand Mesa Foyer, 2nd floor
7:00 am - 8:00 am	**Continental Breakfast**
	Located in Atrium Display Area, 2nd floor
8:00 am - 9:30 am	**Concurrent Sessions**
9:30 am - 10:00 am	**Break**
	Located in Atrium Display Area, 2nd floor
10:00 am - 11:30 am	**Concurrent Sessions**
11:30 am - 1:00 pm	**Awards Lunch**
	Located in Grand Mesa ABC
1:00 pm - 2:30 pm	**Concurrent Sessions**
2:30 pm - 3:00 pm	**Break**
	Located in Atrium Display Area, 2nd floor
3:00 pm - 4:30 pm	**Concurrent Sessions**
4:30 pm	**Conference adjourns for the day**

THURSDAY, NOVEMBER 19, 2009

7:00 am - 2:30 pm	**Registration Open**
	Located in Grand Mesa Foyer, 2nd floor
7:00 am - 8:00 am	**Continental Breakfast**
	Located in Atrium Display Area, 2nd floor
8:00 am - 9:30 am	**Concurrent Sessions**
9:30 am - 10:00 am	**Break**
	Located in Atrium Display Area, 2nd floor
10:00 am - 11:30 am	**Concurrent Sessions**
11:30 am - 1:00 pm	**Lunch**
	Located in Grand Mesa ABC
	▸ CMMI® LIVE!
1:00 pm - 2:30 pm	**CMMI® V1.3 Focus Group Sessions**
	Located in Grand Mesa F
	Members of the CMMI® user community will be afforded a chance to influence the content of the next release, V1.3. By November, the major elements of V1.3 will have been identified. The Focus Group, led by the NDIA CMMI® Working Group, and supported by the SEI, will provide a summary of the major changes for V1.3. Conference attendees will then be invited to discuss and provide feedback on some of the key ingredients. Immediately after the Focus Group, this feedback will be briefed to CMMI® Steering Group members to help guide prudent change.
2:30 pm - 5:00 pm	**Display Dismantle**
2:30 pm	**Conference adjourns**

MONDAY, NOVEMBER 16, 2009

	Track 1 Grand Mesa D/E	Track 2 Grand Mesa F	Track 3 Highlands	Track 4 Chasm Creek	Track 5 Mesa Verde	Track 6 Wind River	Track 7 Wind Star
8:00 am - 9:45 am **Session A**	1A1 - Tutorial 9377 - CMMI®, ISO, Six Sigma and ANSI 748: Soulmates that Should to be Together – Quite Easily! *Ms. Nishi Narula, OST*	1A2 - Tutorial 9182 - An Agile View of the CMMI®? *Mr. Tim Kasse, Kasse Initiatives, LLC*	1A3 - Tutorial 9174 - How to build and Maintain a Software Center of Excellence Based on Seamless Integration of SEI Models of Excellence – CMMI®, TSP, PSP *Mr. Girish Seshagiri, Advanced Information Services Inc.*	1A4 - Tutorial 9128 - Building Statistical Support for Organizational Innovation and Deployment Without Impacting the Innovation 'Freedom' *Mr. Kobi Vider, K.V.P Consulting*	1A5 - Tutorial 9296 - Unintended Consequences of Measurement - Causes and Cures *Mr. Riley Rice, Booz Allen Hamilton*	1A6 - Tutorial 9105 - A Step-by-step Tutorial on Planning and Implementing a Credible CMMI Appraisal *Mr. Robert Moore, Business Transformation Institute, Inc.*	1A7 - Tutorial 9282 - Identify the Best Leading Indicators for Your Program *Mr. Robert Ferguson, SEI*
10:15 am - 12:00 pm **Session B**	1B1 - Tutorial 9377 - CMMI®, ISO, Six Sigma and ANSI 748: Soulmates that Should to be Together – Quite Easily! *Ms. Nishi Narula, OST*	1B2 - Tutorial 9182 - An Agile View of the CMMI®? *Mr. Tim Kasse, Kasse Initiatives, LLC*	1B3 - Tutorial 9174 - How to build and Maintain a Software Center of Excellence Based on Seamless Integration of SEI Models of Excellence – CMMI®, TSP, PSP *Mr. Girish Seshagiri, Advanced Information Services, Inc.*	1B4 - Tutorial 9128 - Building Statistical Support for Organizational Innovation and Deployment without impacting the innovation 'freedom' *Mr. Kobi Vider, K.V.P Consulting*	1B5 - Tutorial 9296 - Unintended Consequences of Measurement - Causes and Cures *Mr. Riley Rice, Booz Allen Hamilton*	1B6 - Tutorial 9105 - A Step-by-step Tutorial on Planning and Implementing a Credible CMMI® Appraisal *Mr. Robert Moore, Business Transformation Institute, Inc.*	1B7 - Tutorial 9282 - Identify the Best Leading Indicators for Your Program *Mr. Robert Ferguson, SEI*
1:00 pm - 2:45 pm **Session C**	1C1 - Tutorial 9376 - The CERT® Resiliency Management Model: Process Improvement for Enterprise Security, Business Continuity, and IT operations to Enable and Sustain Operational Resiliency *Mr. David White, SEI*	1D2 - Tutorial 9226 -Software Estimation Bootcamp *Mr. William Deibler, Software Systems Quality Consulting*	1C3 - Tutorial 9174 - How to build and Maintain a Software Center of Excellence Based on Seamless Integration of SEI Models of Excellence – CMMI®, TSP, PSP *Mr. Girish Seshagiri, Advanced Information Services, Inc.*	1C4 - Tutorial 9258 - How to Achieve Measurable ROI Using Early Defect Detection and Defect Prevention *Mr. Tim Olson, Lean Solutions Institute, Inc.*	1C5 - Tutorial 9254 - Multi-Model Enhancement of Project Management *Mr. Tim Kasse, Kasse Initiatives, LLC*	1C6 - Tutorial 9105 - A Step-by-step Tutorial on Planning and Implementing a Credible CMMI® Appraisal *Mr. Robert Moore, Business Transformation Institute, Inc.*	1C7 - Tutorial
3:15 pm - 5:00 pm **Session D**	1D1 - Tutorial 9376 - The CERT® Resiliency Management Model: Process Improvement for Enterprise Security, Business Continuity, and IT operations to Enable and Sustain Operational Resiliency *Mr. David White, SEI*	1D2 - Tutorial 9226 -Software Estimation Bootcamp *Mr. William Deibler, Software Systems Quality Consulting*	1D3 - Tutorial 9174 - How to build and Maintain a Software Center of Excellence Based on Seamless Integration of SEI Models of Excellence – CMMI®, TSP, PSP *Mr. Girish Seshagiri, Advanced Information Services, Inc.*	1D4 - Tutorial 9258 - How to Achieve Measurable ROI Using Early Defect Detection and Defect Prevention *Mr. Tim Olson, Lean Solutions Institute, Inc.*	1C5 - Tutorial 9254 - Multi-Model Enhancement of Project Management *Mr. Tim Kasse, Kasse Initiatives, LLC*	1D6 - Tutorial 9105 - A Step-by-step Tutorial on Planning and Implementing a Credible CMMI Appraisal *Mr. Robert Moore, Business Transformation Institute, Inc.*	1D7 - Tutorial

TUESDAY, NOVEMBER 17, 2009

	Track 1 Grand Mesa D/E	Track 2 Grand Mesa F	Track 3 Highlands	Track 4 Chasm Creek	Track 5 Mesa Verde	Track 6 Wind River	Track 7 Wind Star
	CMMI® and Process Improvement Session Chair: Mr. Jack Ferguson, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	CMMI V1.3 Topic & CMMI-SVCs, Lean Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
1:30 pm - 2:15 pm	9386 - CMMI® for Large-Scale/ Systems of Systems Engineering Projects *Mr. Patrick McCusker, Booz Allen Hamilton*	9179 - Work On Your Engineering Business, Not In It *Mr. Rolf Reitzig, Cognence, Inc.*	9147 - Dynamic Program Schedule, Cost and Returns Analysis *Mr. Philip Fahringer, Lockheed Martin Corporation*	9146 - Goal - Question - Model *Mr. Michael Campo, Raytheon Company*	8806 - Benefits to the Evolution of High Maturity Software Development: A 15 Year Case Study *Mr. Daniel Drew, United Space Alliance*	9398 - Hocus Pocus, What's With All The Issues About Non-Focus? *Mr. Paul Byrnes, Integrated Systems Diagnostics, Inc.*	CMMI V1.3 -- From the Past to the Future *Mr. Mike Phillips, Software Engineering Institute*
2:15 pm - 3:00 pm	Making the CMMI® Sing – A Framework for Performance Excellence Part 1 *(Part 2 is to be given on Tuesday - Track 1 at 3:30 - 4:15 p.m.)* *Mr. Jeff Dutton, Jacobs Technology, Inc.*	Process-Performance Based Reliability *Mr. William Winkel, Northrop Grumman Corporation*	9184 - The Economics of CMMI® *Mr. Mike Campo, Raytheon Company*	9389 - Making CMMI® Level 5 Statistical Principles Palatable to an Employee-Wide Demographic *Ms. Deepti Sharma, OST*	9306 - Directive Documents and ITAR Made Easy *Mr. Kenneth Weinberg, Raytheon*	9136 - Making the Most of GP3.2 *Ms. Susan Byrnes Natural SPI, Inc.*	9167 - Lessons Learned Piloting the CMMI® for Services *Ms. Diane Mizukami (Williams), Northrop Grumman Information Systems*
	CMMI® and Process Improvement Session Chair: Mr. Jack Ferguson, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	CMMI®-SVCs, Lean, SmSettings, etc. Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
3:30 pm - 4:15 pm	Making the CMMI® Sing – A Framework for Performance Excellence Part 2 *(Part 1 was given on Tuesday - Track 1 at 2:15 - 3:30 p.m.)* *Mr. Jeff Dutton, Jacobs Technology, Inc.*	9391 - Choices to be Made in CMMI® Adoption *Dr. Rick Hefner, Northrop Grumman Corporation*	9185 - CMMI® Economics 101: CMMI® for Executives *Mr. Geoff Draper, Harris Corporation*	9116 - Changing Behavior: The Key to Adoption Complex Process Technology *Dr. Gene Miluk, SEI*	8907 - How CMMI® was Used for Process Improvement in the Support of Government-Wide Acquisition Contract (GWAC) Vehicles *Mrs. Sharon Cobb Flanagan, SAIC*	9130 - Supporting the High Maturity Process Improvement and Understanding the Application SCAMPISM Method To It *Mr. Kobi Vidar, K.V.P. Consulting*	9126 - CMMI® for Services: An Approach to Improve Your Program Management Office *Ms. Patricia Mitryk, Cognence, Inc.*
4:15 pm - 5:00 pm	9312 - CMMI® in a Small Company: The Cobbler's Children Can Have Shoes (And Best Practices) *Mr. Michael Knox, TECHSOFT, Inc.*	9298 - Assurance for CMMI®: A Toolbox for Multiple Cyber Challenges *Mrs. Michele Moss, Booz Allen Hamilton*		9401 - Achieving Quality QPPO via Effective Usage of PPBs and PPMs *Dr. Bin Cong, CRS Tech*	9403 - Tailoring CMMI® for an Enterprise Resource Planning COTS Software Environment *Ms. Alison L. Schwier, U.S. Army*	9385 - Reducing the Cost and Increasing the Value of CMMI Re-Appraisals *Mrs. Beth Layman, Layman & Layman*	9299 - Creatively Applying CMMI®-SVC in a Very Small Consulting Firm *Mr. Bill Smith, Leading Edge Process Consultants*

WEDNESDAY, NOVEMBER 18, 2009

	Track 1 Grand Mesa D/E	Track 2 Grand Mesa F	Track 3 Highlands	Track 4 Chasm Creek	Track 5 Mesa Verde	Track 6 Wind River	Track 7 Wind Star
	CMMI® and Process Improvement Session Chair: Mr. Jack Ferguson, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	CMMI® - SVCs, Lean, SmSettings, etc. Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
8:00 am - 8:45 am	9304 - Sustainment and Continued Institutionalization of Best Practices and CMMI® at SPAWAR Mr. Michael Kutch, Space & Naval Warfare Systems Center - Atlantic	9138 - High Velocity Performance Improvement Mr. Jeff Dutton Jacobs Technology, Inc.	9213 - QPMing Your SEPG Mr. Craig Hale, Esterline Control Systems - AVISTA	9217 - A Taxonomy of CMMI® High Maturity Performance Models Dr. Richard Welch, Northrop Grumman Corporation	0000 - Using CMMI® for Acquisition in Integration Organizations Mr. Steve Kelley, Northrop Grumman Corporation	9371 - Appraisals and CMMI® Gotchas - Lessons in CMMI® Use and Appraisal Preparation Mr. Neil Potter, The Process Group	9396 - Applying the CMMI® for Services to the Process Group (Physician, Heal Thyself!) Dr. Rick Hefner, Northrop Grumman Corporation
8:45 am - 9:30 am	9178 - CMMI® Process Improvement: Its not a technical Problem, It's a People Problem! Mr. Rolf Reitzig, Cognence, Inc.	9202 - Statistical Tune-Up of the Peer Review Process Mr. Tom Lienhard, Raytheon Missile Systems	9223 - We're Already There: Matching Existing High Maturity Behaviors to the CMMI® Model Mr. Bradley Bittorf Raytheon Company	9245 - The Selection and Deployment of a Standard COTS Monte Carlo Software Tool Mr. Fred Oleson, BAE Systems, Inc.	8741 - Leveraging CMMI® for Acquisition to Improve Organizational Workforce Performance Dr. Kenneth Nidiffer, SEI	9311 - Piloting Results-Based Appraisals Mr. Larry McCarthy Global Software Group	9274 - An Overview of CMMI®-SVC for CMMI®-DEV Enthusiasts Mr. Bill Smith, Leading Edge Process Consultants
	CMMI® and Process Improvement Session Chair: Mr. Jack Ferguson, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	CMMI® - SVCs, Lean, SmSettings, etc. Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
10:00 am - 10:45 am	9106 - The Uses of the Peer Review beyond CMMI® Mr. Paul Nugent, General Dynamics Corportation	9275 - CMMI® in the Social Media (For the Social Media-Challenged!) Mr. Bill Smith, Leading Edge Process Consultants	9190 - CMMI® Economics 501: High Maturity Mr. Mike Campo, Raytheon Company	9232 - Piloting a Hybrid Requirements Engineering Process for Translating Qualitativem Information into Quantitative Performance Measures Mr. Dennis Goldenson, SEI	9301 - Improving Processes the NSA Way Mr. Robert Moore, Business Transformation Institute, Inc.	9129 - Using the SCAMPI Method to lead CMMI® Multi-Constellations with Additional Standards Progress Check and Appraisal Mr. Kobi Vidar, K.V.P. Consulting	9137 - ITIL V3.0 Compliance Benchmarking with CMMI-SVC SCAMPI A Mr. Jeff Dutton, Jacobs Technology, Inc.
10:45 am - 11:30 am	9246 - Integrating Corporate Goals and Processes Using the Engineering Lifecycle Vee Model Dr. Kevin Forsberg, The Center for Systems Management	9214 - Hi, my name is Root Cause Analysis. Have we met? Mr. Craig Hale, Esterline Control Systems - AVISTA	9378 - Using Corporate Finance Principles to Easily Determine Return on Investment (ROI) Ms. Deepti Sharma, OST	9168 - How I Created Our Peer Review Baselines and Models Ms. Diane Mizukami (Williams), Northrop Grumman Information Systems	9114 - Implementing Requirements Management To Deliver Life Cycle Software Solutions That Ensure Warfighting Superiority and Information Dominance: How We Moved The Rock Mr. Harlan Black, U.S. Army CECOM	9234 - A View from the Trenches: Practical Guidance for Appraisal Artifact Management Mr. David Dickinson, Northrop Grummon Corporation	9397 - Strategies for Transitioning to CMMI-SVC Dr. Rick Hefner, Northrop Grumman Corporation

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1:00 pm - 1:45 pm	9379 - NAVAIR's Process Asset Library (PAL), A Step Toward A Corporate Organizational Set of Standard Processes (OSSP) *Ms. Judy Overhauser-Duett, NAVAIR*	8787 - Improving Process Institutionalization Through Process Training *Ms. Ellen Chilikas, Raytheon Company*	8909 - Consistency in Quality Assessments *Mrs. Debra Perry, Harris Corporation*	9216 - ABCs of Process Performance Models *Dr. Richard Welch, Northrop Grumman Corporation*	8764 - Predicting Quality *Mr. Donald Beckett, Quantitative Software Mgt.*	9287 - How to Prepare for a CMMI® SCAMPI A: Applying Agile Concepts to Save Time and Money *Ms. Michele Shaw. Fraunhofer Center, Maryland*	9196 - Interpretation and Lesson Learned from High Maturity Implementation of CMMI-SVC *Mr. Kobi Picker, K.V.P. Consulting*
1:45 pm - 2:30 pm	9153 - After 13 years, I have learned… Tools do not solve your problems *Mr. John Bethmann, Concurrent Technologies Corporation*	9291 - "You Say Tomato, I Say Eggplant: Comparing Process References for Systems Engineers and Project Managers in a CMMI®- Compliant Organization" *Mr. Peter Henry, BAE Systems*	8871 - MSI Execution: Change Happens, How to Deal with It *Ms. Jill Brooks, Raytheon Company*	9294 - Using Hidden Markov Models as a Statistical Process Control Technique: An Example from a ML 5 Organization *Mr. Robert Moore, Business Transformation Institute, Inc.*	9326 - "Patience is a Virtue"- A Day in the Life of a SEPG Lead *Ms. Tammye Thornton, Department of Navy*	9365 - Streamlining Processes and Appraisals *Mr. Gary Natwick, Harris Corporation*	9264 - Applying Lean Principles to the CMMI® for Services and ITIL *Mr. Tim Olson, Lean Solutions Institute, Inc.*
	CMMI® and Process Improvement Session Chair: Mr. Richard Barbour, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	Multi-Models Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
3:00 pm - 3:45 pm	9387 - 10.5 Process Improvement Mistakes from Top Executives? *Mr. Carlos Caram, CSD BRASIL*	9354 - Strategies for Process Definition and Deployment Part 1 *(Part 1 is to be given on Wednesday - Track 2 at 3:45 - 4:30 p.m.)* *Mr. Fred Schenker, SEI*	9177 - Lessons Learned Using Earned Value Management System to Track Effort and Schedule Weekly at the Individual and Team Level and Be Able to Detect a One-Day Schedule Slip *Mr. Girish Seshagiri, Advanced Information Services Inc.*	9407 - Multi-Attribute Modeling and Practical Use *Mr. David Sobetski, General Dynamics Land Systems*	9321 - Enterprise Architecting and the Incorporation of Early Systems Engineering Data Into the Leadership Decision Making Process During Concept Development *Mr. George Freeman, United States Air Force*	9189 - CMMI® Economics 202: Appraisals *Mr. Geoff Draper, Harris Corporation*	9203 - How Rocket Scientist Implement High Maturity *Mr. Tom Lienhard, Raytheon Missile Systems*
3:45 pm - 4:30 pm	9144 - Transitioning From a CMMI® Implementer to an Appraiser *Mr. Warren Scheinin, Northrop Grumman Corporation*	Strategies for Process Definition and Deployment Part 2 *(Part 1 was given on Wednesday - Track 2 at 3:00 - 3:45 p.m.)* *Mr. Fred Schenker, SEI*	9188 - CMMI Economics 203: Model Tailoring *Mr. Jeff Dutton, Jacob Technologies, Inc.*	9390 - Discrete Event Simulation for QPM – Can it really be that easy? *Ms. Deepti Sharma, OST*	9154 - Simplifying Lifecycle Definition Process *Mr. John Bethmann; Concurrent Technologies , Corp*	9227 - The ABC's of Class C, Class B, Class A's: Metrics and Lessons Learned from Appraisal Event Scheduling *Mr. Bradley Bittorf, Raytheon Company*	

THURSDAY, NOVEMBER 19, 2009

	Track 1 **Grand Mesa D/E**	Track 2 **Grand Mesa F**	Track 3 **Highlands**	Track 4 **Chasm Creek**	Track 5 **Mesa Verde**	Track 6 **Wind River**	Track 7 **Wind Star**
	CMMI® and Process Improvement Session Chair: Mr. Jack Ferguson, Software Engineering Institute	Practical Guidance Session Chair: Mr. Gene Miluk, Software Engineering Institute	CMMI® Economics & Business Value Session Chair: Mr. Geoff Draper, Harris Corporation & Mr. Bob Ferguson, Software Engineering Institute	High Maturity Session Chair: Mr. Dennis Goldenson, Software Engineering Institute & Mr. Fred Schenker, Software Engineering Institute	CMMI® Government & Acquisition Session Chair: Ms. Lorraine Adams, Software Engineering Institute & Mr. Mike Phillips, Software Engineering Institute	Appraisals Session Chair: Mr. Ken Nidiffer, Software Engineering Institute & Mr. Ken Weinberg, Raytheon Corporation	Multi-Models Session Chair: Ms. Susan Bassham, U.S. Army Aviation & Missile Command
8:00 am - 8:45 am	9313 - Mission Readiness Through Integrated Decision Making … BIM, BAM and POW! *Mr. James Watson, Facility Lifecycle Group Div. of MACTEC E & C*	9308- Post Merger Process Syndrome: Integreating & Refining Organizational Processes *Mr. Michael Kutch, Space & Naval Warfare Systems Center - Atlantic*	9181 - Are You Doing R&D, or Catch-up & D? Are you Building Software, or Hopeware? *Mr. Rolf Reitzig, Cognence, Inc.*	9143 - Using Moving Average Models to Predict Process Performance *Mr. Robert Tuthill, Northrop Grumman Corporation*	9359 - Moving your Security, Business Continuity, and IT Activities to the Next Level with the CERT® Resiliency Management Model *Ms. Gibbie Lu Hart, SEI*	9373 - Lockheed Martin Aeronautics Appraisal Project Management Strategy *Ms. Pam Hudson, Lockheed Martin Aeronautics*	9257 - The Next Step in Process Evolution: CMMI® and TSP/PSP *Mr. Jeffrey Schwalb, Naval Air Systems Command*
8:45 am - 9:30 am	9165 - Make PIIDs Easy -- No Surprises! *Ms. Vicki Galanko, Lockheed Martin, IS&GS-Civil*	9141 - Tools and Implementation Strategies for Process Improvement via CMMI® for Comprehensive Software Lifecycle Management *Mrs. Denise Padilla, Sandia National Laboratories*	9283 - CMMI® Measurement and Metrics *Dr. Elliot Lynn, CECOM SEC*	9148 - Use of Monte Carlo Simulation for a Peer Review Process Performance Model *Ms. Emerald Russo, BAE Systems*	9366 - Enjoy the Scenery on the Path to High Maturity *Ms. Susan Bassham, U.S. Army Aviation and Missile Command*	9369 - Lockheed Martin Aero Standard Approach – A Strategy to Select Objective Evidence for the PIID *Mrs. Pam Hudson, Lockheed Martin Aeronautics*	9204 - Everything You Wanted to Know About CMMI® and Six Sigma but Did Not Know Who to Ask *Mr. Tom Lienhard, Raytheon Missile Systems*
9:30 AM - 10:00 AM BREAK IN ATRIUM DISPLAY AREA							
10:00 am - 10:45 am		9346 - Exploiting Decision to Requirements Traceability *Mr. John Fitch, SAIC*	9324 - Measuring True Agility in Agile Software Development *Mr. Robert Moore, Business Transformation Institute, Inc.*	9163 - Picking the Right Process Improvements *Mr. Joseph Vandeville, Northrop Grumman Corporation*	9211 - Transforming Your Way to Control Charts that Work *Mr. Richard Welch, Northrop Grumman Corporation*	9187 - Level 5 the Hard Way – Persevering through Organizational Changes *Ms. Dorna Witkowski, Lockheed Martin Corporation*	9266 - Rapidly Implementing Lean CMMI® Processes That Meet Business Needs *Mr. Tim Olson, Lean Solutions Institute, Inc.*
10:45 am - 11:30 am		Strategies for Process Definition and Deployment Part 2 *(Part 1 was given on Wednesday - Track 7 at 3:45 - 4:30 p.m.)* *Mr. Alfred Schenker, SEI*		9244 - Perspectives on Use and Organizational Impact of Measurement and Analytical Methods in CMMI® High Maturity Organizations *Dr. Dennis Goldenson, SEI*	9292 - Systems Engineering Processes Improvement using the CMMI® in large System of Systems Space Programs *Ms. Revital Goldberg, Israel Aerospace Industries*	9383 - What? I Need to Create an Appraisal Database Containing Thousands of Artifacts! HELP!… Sensible PIID Strategies *Mr. Sam Fogle, ACE Guides, LLC*	9394 - Comparing Scrum and CMMI® - How Can They Work Together *Mr. Neil Potter, The Process Group*

ADDITIONAL AUTHORS

ABSTRACT	ABSTRACT TITLE	AUTHOR
0000	Using CMMI® for Acquisition in Integration Organizations	Mr. Brian Gallagher
8806	Benefits to the Evolution of High Maturity Software Development: A 15 Year Case Study	Mr. Erik Likeness
8811	CMMI® Risk Management Practices in Small - Medium Businesses	Ms. Sandra Salars
8871	MSI Execution: Change Happens, How to Deal with It	Mr. Sanjeev Venkatesan
9114	Implementing Requirements Management To Deliver Life Cycle Software Solutions That Ensure Warfighting Superiority and Information Dominance: How We Moved The Rock	Mr. Harlan Black
9116	Changing Behavior: The Key to Adoption of Complex Process Technology	Mr. James McHale, Dr. William Nichols
9128	Building Statistical Support for Organizational Innovation and Deployment Without Impacting the Innovation 'Freedom'	PhD Mike Konrad
9129	Using the SCAMPI Method to lead CMMI® Multi-Constellations with Additional Standards Progress Check and Appraisal	Mr. Rusty Young
9130	Supporting the High Maturity Process Improvement and Understanding the Application of SCAMPISM Method to it	Mr. Rusty Young
9131	Using the SEI Models and Practices to Assure the Contractor 'Qualifications' with Cross Constellations and Multi-Models for Evaluation	PhD Mike Phillips
9140	Continuous Process Improvement Using Lean Six Sigma and CMMI®	Mr. Michael D. Barnett
9143	Using Moving Average Models to Predict Process Performance	Mr. Robert M. Tuthill, Mr. Steve Tennant
9146	Goal - Question - Model	Dr. Neal Mackertich
9163	Picking the Right Process Improvements	Mr. Robert Tuthill, Mr. Robert Sabatino
9165	Make PIIDs Easy -- No Surprises!	Mr. Stephen Austin, Ms. Elaine Heligman, Mr. Mark Dowson, Ms. Perla Unpingco
9185	CMMI® Economics 101: CMMI® for Executives	Mr. Wendell Mullison
9186	CMMI® Economics 201: Practical CMMI® Implementation Strategies	Mr. Wendell Mullison
9187	Level 5 the Hard Way – Persevering Through Organizational Changes	Ms. Lynn Penn
9194	Life Cycle Configuration Management	Mr. Russ Roseman
9196	Interpretation and Lesson Learned from High Maturity Implementation of CMMI®-SVC	Ms. Eileen Forrester
9211	Transforming Your Way to Control Charts that Work	Mr. Robert Sabatino
9216	ABCs of Process Performance Models	Mr. Joseph V. Vandeville
9224	Appraisal Data Preparation and Management - A Data-Centric and Tool-Based View of the Appraisal Process	Mr. Robert C. Bamford
9226	Software Estimation Bootcamp	Mr. Robert C. Bamford
9227	The ABC's of Class C, Class B, Class A's: Metrics and Lessons Learned from Appraisal Event Scheduling	Miss Courtney Walsh
9228	Appraisal Data Preparation and Management - Process, Automated Tools and Technology to Get Ready for a SCAMPI	Mr. Robert C. Bamford
9231	Integrating Value-Added Audits for Process Improvement – A Pragmatic Approach for Implementing Product And Process Quality Assurance (PPQA)	Mr. Robert C. Bamford
9232	Piloting a Hybrid Requirements Engineering Process for Translating Qualitative Information intoQuantitative Performance Measures	Mr. Ira A. Monarch

ADDITIONAL AUTHORS CONT'D...

9234	A View from the Trenches: Practical Guidance for Appraisal Artifact Management	Mr. Robert Sabatino, Mr. Joseph Vandeville
9235	Software Measurement Bootcamp - Toward Quantitative Management of Engineering Processes	Mr. Robert C. Bamford
9238	Integrated Project Management (IPM) – The CMMI® and Collaborative Product Development	Mr. Robert C. Bamford
9242	Requirements Engineering: A Practical Approach to Modeling and Managing Requirements	Mr. Robert C. Bamford
9244	Perspectives on Use and Organizational Impact of Measurement and Analytical Methods in CMMI® High Maturity Organizations	Mr. James McCurley, Mr. Robert W. Stoddard
9246	Integrating Corporate Goals and Processes using the Engineering Lifecycle Vee Model	Mr. Al Truesdale, Mr. Robert Pomietto
9249	Agile Systems Engineering and Software Engineering	Dr. Suzette S. Johnson
9257	The Next Step in Process Evolution: CMMI® and TSP/PSP	Ms. Kathy Smith, Mr. Girish Seshagiri, Mr. David Webb, Dr. Gene Miluk
9266	Presentation: "Rapidly Implementing Lean CMMI® Processes That Meet Business Needs"	Mr. Tim Olson
9267	Process Mapping - Applying Visual Roadmaps and the Unified Modeling Language (UML) to Build Consensus	Mr. Robert Bamford
9268	Streamlining Documentation - An Agile Approach to Writing Procedures	Mr. Robert Bamford
9278	A View from the Trenches: Practical Guidance for Appraisal Artifact Management	Mr. Robert Sabatino, Mr. Joseph Vandeville
9283	CMMI® Measurement and Metrics	Dr. Elliott S. Lynn
9285	Process Improvement via CMMI®	Dr. Elliott S. Lynn
9287	How to prepare for a CMMI® SCAMPI A: Applying Agile Concepts to Save Time and Money	Ms. Kathleen Mullen
9291	You Say Tomato, I Say Eggplant: Comparing Process References for Systems Engineers and Project Managers in a CMMI®-Compliant Organization	Mr. Glen T. Welsh
9292	Systems Engineering Processes Improvement Using the CMMI® in Large System of Systems Space Programs	Ms. Revital Goldberg
9294	Using Hidden Markov Models as a Statistical Process Control Technique: An Example from a ML 5 Organization	Mr. Ray Luke, Mr. Tony Fields
9298	Assurance for CMMI®: A Toolbox for Multiple Cyber Challenges	Mrs. Debbie McCoy
9301	Improving Processes the NSA Way	Ms. Sue Lafortune
9304	Sustainment and Continued Institutionalization Of Best Practices and CMMI®® at SPAWAR	Mr. Michael J. Knox
9308	Post Merger Process Syndrome: Integrating & Re-Defining Organizational Processes	Mr. Michael J. Knox
9309	Maritime Surveillance Systems: An Acquisition Program Office's Approach to Continuous Process Improvement	Mr. Joseph W. Darwood
9312	CMMI® in a Small Company: The Cobbler's Children Can Have Shoes (And Best Practices)	Mrs. Cara Smith
9321	Enterprise Architecting and the Incorporation of Early Systems Engineering Data Into the Leadership Decision Making Process During Concept Development	Mr. William J. Urschel
9354	Strategies for Process Definition and Deployment	Ms. Kursten Szabos
9358	Performance Driven Collaboration Strategies for Complex System Development	Mr. Byran Moser, Dr. Ralph Wood, Dr. Willy Magill

ADDITIONAL AUTHORS CONT'D...

9359	Moving your Security, Business Continuity, and IT Activities to the Next Level with the CERT® Resiliency Management Model	Mr. Richard Barbour, Ms. Julia H. Allen, Mr. Richard Caralli, Ms. Lisa Young
9370	Making Process Improvement Work – Tying Improvement and CMMI® Directly to What You Care About	Mr. Neil Potter
9371	Appraisals and CMMI® Gotchas - Lessons in CMMI® Use and Appraisal Preparation	Mr. Neil Potter
9376	The CERT® Resiliency Management Model: Process Improvement for Enterprise Security, Business Continuity, and IT Operations to Enable and Sustain Operational Resiliency	Ms. Gibbie Lu Hart, Mr. Richard Barbour, Mr. Richard Caralli, Ms. Julia A. Allen
9377	CMMI®, ISO, Six Sigma and ANSI 748: Soulmates That Should to be Together – Quite Easily!	Ms. Deepti Sharma
9378	Using Corporate Finance Principles to Easily Determine Return on Investment (ROI)	Ms. Nishi Narula
9385	Reducing the Costs and Increasing the Value of CMMI® Re-Appraisals	Ms. Janiene Pape, Ms. Robin Hurst
9388	Software Estimations Made Transparent and Simple! Even an Intern Can Do It	Ms. Nishi Narula
9389	Making CMMI® Level 5 Statistical Principles Palatable to an Employee-Wide Demographic	Ms. Nishi Narula
9390	Discrete event simulation for QPM – Can it Really be that Easy?	Ms. Nishi Narula
9394	Comparing Scrum and CMMI® - How Can They Work Together	Mr. Neil Potter
9403	Tailoring of CMMI® for an Enterprise Resource Planning COTS Software Environment	Ms. Alison Schwier, Mr. Lawrence Osiecki
9405	CMMI® on the Web	Mr. Deen Blash
9407	Multi-Attribute Modeling and Practical Use	Mrs. Margaret Corr
9377	CMMI®, ISO, Six Sigma and ANSI 748: Soulmates That Should to be Together – Quite Easily!	Ms. Carolina Rivero, Kinkini Sarkar

CONFERENCE PROMOTIONAL PARTNER

LEAN SOLUTIONS INSTITUTE, Inc.
LEAN SOLUTIONS™ FOR YOUR ORGANIZATION

Lean Solutions Institute, Inc. (LSI) specializes in helping organizations to rapidly achieve measurable results by using benchmarking and Lean Solutions™ (e.g., best practices to implement CMMI® in a lean way) to successfully improve client products and services. LSI helps organizations to measurably:

- Achieve ROI (e.g., 7:1)
- Increase productivity, performance and quality
- Reduce cycle time/schedule
- Reduce defects (e.g., post-release defects), rework and costs of poor quality
- Achieve world-class results (e.g., 70-90% defect removal efficiency or defects removed before test)

Systems engineering and software engineering have become more and more complex over the years. With this growing complexity, processes and procedures have become larger and more complex. Based on surveys, most organizations do not like their processes and procedures (e.g., including CMMI® Maturity Level 3-5 organizations) and they can have some of the following lean problems:

- Too large and complex (i.e., not lean or agile)
- Have non-value added activities
- Lack of visualization (e.g., pictures, diagrams, tables, charts, etc.)
- Difficult to use (e.g., poor usability)
- Lack of "chunking" which is a best practice for usability (7 plus or minus 2 principle)
- Lack of innovation
- Lack of "good metrics", not the right metrics, or not lean metrics

LSI has a patent pending approach for defining systems engineering and software engineering processes (e.g., CMMI® compliant processes) in a lean (e.g., short, usable, visual) way. Although this approach can be simple, it also scales up to handle complex processes (e.g., NASA processes). LSI uses "good diagrams" (i.e., process models) for putting the 5 W's (who, what, where, when, why) on one page. These visual one-page diagrams along with a page of support text typically replace about 25-30 pages of text. For example, lean CMMI® processes typically:

- Cost 33%-50% of a typical CMMI® implementation
- Take half the time to implement (e.g., 1 year instead of 2 years)
- Are 20-25% of the size of a typical CMMI® implementation

In several CMMI® success stories (independently verified) using the LSI approach, organizations estimate that processes are about 20-25% of the size of sister business units with a similar CMMI® rated processes, and have achieved CMMI® maturity levels in half the time (or less).

LSI can help your organization achieve measurable results, reduce size and complexity, and improve processes and metrics to become much more lean, "value added", visual, and usable. LSI also uses an ISO/Baldrige approach to implementing CMMI®. LSI only does improvement and uses independent Authorized SEI Lead Appraisers to objectively verify LSI Lean Solutions™ for CMMI®.

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