7th Annual

CMMI® Technology Conference and User Group

"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

NDIA
NATIONAL DEFENSE INDUSTRIAL ASSOCIATION
STRENGTH THROUGH INDUSTRY & TECHNOLOGY

Software Engineering Institute
Carnegie Mellon

Event #8110
November 12-15, 2007
Hyatt Regency Tech Center ◆ Denver, CO

CMMI is registered in the US Patent & Trademark Office by Carnegie Mellon University

Conference Agenda

SUNDAY, NOVEMBER 11, 2007

3:00 PM - 6:00 PM	Conference Registration Open	Grand Mesa Foyer

MONDAY, NOVEMBER 12, 2007

The Tutorial sessions require a $275 registration fee which is in addition to the Conference registration fee.

7:00 AM - 7:00 PM	Conference Registration Open	Grand Mesa Foyer
7:00 AM - 8:00 AM	Continental Breakfast	Grand Mesa Foyer
8:00 AM - 5:30 PM	Tutorial Sessions (must be registered)	Refer to Following Page
9:45 AM - 10:15 AM	Break (Tutorial Attendees Only)	Grand Mesa Foyer
12:00 PM - 1:00 PM	Lunch (Tutorial Attendees Only)	Grand Mesa ABC Corridor
2:45 PM - 3:15 PM	Break (Tutorial Attendees Only)	Grand Mesa Foyer
5:30 PM - 7:00 PM	Reception (Open to all Attendees)	Atrium Display Area

TUESDAY, NOVEMBER 13, 2007

7:15 AM - 7:00 PM	Conference Registration Open	Grand Mesa Foyer
7:15 AM - 8:15 AM	Continental Breakfast	Grand Mesa Foyer
8:15 AM - 8:30 AM	Welcome & Opening Remarks	Grand Mesa DEF
	◆ *Mr. Sam Campagna, Director, Operations, NDIA*	
	◆ *Mr. Bob Rassa, Director, Systems Support, Raytheon Company*	
8:30 AM - 9:15 AM	State of CMMI®	Grand Mesa DEF
	◆ *Mr. Bob Rassa, Director, Systems Support, Raytheon Company*	
	◆ *Mr. Clyde Chittister, Chief Operating Officer, SEI*	
9:15 AM - 10:00 AM	CMMI® Into the Future	Grand Mesa DEF
	◆ *Mr. Bob Rassa, Director, Systems Support, Raytheon Company*	
10:00 AM - 10:15 AM	Break	Grand Mesa Foyer
10:15 AM - 11:45 AM	Executive Panel	Grand Mesa DEF
	Moderator:	
	Mr. Bob Rassa, Raytheon Company	
	Panelists:	
	Ms. Kristen Baldwin, Office of the Secretary of Defense	
	Mr. Tom Neff, Defense Threat Reduction Agency	
	Mr. Rich Frost, General Motors	
	Mr. Mike Phillips, Software Engineering Institute	
12:00 PM - 1:30 PM	Lunch with Guest Speaker	Grand Mesa ABC Corridor
	◆ *Mr. Mark Schaffer, Director, Systems & Software Engineering, OSD (AT&L)*	
1:30 PM - 5:00 PM	Technical Sessions	Refer to Following Pages
3:00 PM - 3:30 PM	Break	Grand Mesa Foyer
5:00 PM - 6:30 PM	CMMI-ACQ Rollout Reception	Atrium Display Area

WEDNESDAY, NOVEMBER 14, 2007

7:15 AM - 5:00 PM	Conference Registration Open	Grand Mesa Foyer
7:15 AM - 8:15 AM	Continental Breakfast	Grand Mesa Foyer
8:15 AM - 11:45 AM	Technical Sessions	Refer to Following Pages
9:45 AM - 10:15 AM	Break	Grand Mesa Foyer
12:00 PM - 1:30 PM	Lunch with Guest Speaker	Grand Mesa ABC Corridor
	◆ *Ms. Mary Poppendieck, President, Poppendieck, LLC*	
1:30 PM - 5:00 PM	Technical Sessions	Refer to Following Pages
3:00 PM - 3:30 PM	Break	Grand Mesa Foyer

THURSDAY, NOVEMBER 15, 2007

7:15 AM - 5:00 PM	Conference Registration Open	Grand Mesa Foyer
7:15 AM - 8:15 AM	Continental Breakfast	Grand Mesa Foyer
8:15 AM - 11:45 AM	Technical Sessions	Refer to Following Pages
9:45 AM - 10:15 AM	Break	Grand Mesa Foyer
12:00 PM - 1:30 PM	Lunch and Award Presentation	Grand Mesa ABC Corridor
1:30 PM - 5:00 PM	Technical Sessions	Refer to Following Pages
3:00 PM - 3:30 PM	Break	Grand Mesa Foyer

Tutorial Sessions - Monday, November 12, 2007

	Session A	Session A (con't)	Session B	Session B (con't)
	8:00 AM	10:15 AM	1:00 PM	3 :15 PM
Track 1 Grand Mesa D/E	1A1 Tutorial What Do Process Performance Baselines and Models Look Like? ***Dr. Rick Hefner,*** ***Northrop Grumman Corporation***	1A1 Tutorial What Do Process Performance Baselines and Models Look Like? (con't) ***Dr. Rick Hefner,*** ***Northrop Grumman Corporation***	1B1 Tutorial Best-In-Class Early Defect Detection and Defect Prevention ***Mr. Timothy Olson,*** ***Lean Solutions Institute, Inc. (QIC)***	1B1 Tutorial Best-In-Class Early Defect Detection and Defect Prevention (con't) ***Mr. Timothy Olson,*** ***Lean Solutions Institute, Inc. (QIC)***
Track 2 Grand Mesa F	1A2 Tutorial How to Define Practical Systems Engineering Metrics ***Mr. Timothy Olson,*** ***Lean Solutions Institute, Inc. (QIC)***	1A2 Tutorial How to Define Practical Systems Engineering Metrics (con't) ***Mr. Timothy Olson,*** ***Lean Solutions Institute, Inc. (QIC)***	1B2 Tutorial Applying CMMI in Small Settings ***Dr. Rick Hefner,*** ***Northrop Grumman Corporation***	1B2 Tutorial Applying CMMI in Small Settings (con't) ***Mr. Rick Hefner,*** ***Northrop Grumman Corporation***
Track 3 Highlands	1A3 Tutorial Requirements Development and Management ***Mr. Al Florence,*** ***The MITRE Corporation***	1A3 Tutorial Requirements Development and Management (con't) ***Mr. Al Florence,*** ***The MITRE Corporation***	1B3 Tutorial Systems/Software/Hardware Quality Assurance ***Mr. Al Florence,*** ***The MITRE Corporation***	1B3 Tutorial Systems/Software/Hardware Quality Assurance (con't) ***Mr. Al Florence,*** ***The MITRE Corporation***
Track 4 Chasm Creek A	1A4 Tutorial Preparing for and Surviving a SCAMPI Appraisal – A PIID Workshop ***Mr. Raymond Kile,*** ***The Center for Systems Management***	1A4 Tutorial Preparing for and Surviving a SCAMPI Appraisal – A PIID Workshop (con't) ***Mr. Raymond Kile,*** ***The Center for Systems Management***	1B4 Tutorial A Survival Primer for New Process Improvement Explorers ***Dr. Richard Turner,*** ***Systems and Software Consortium***	1B4 Tutorial A Survival Primer for New Process Improvement Explorers (con't) ***Dr. Richard Turner,*** ***Systems and Software Consortium***
Track 5 Mesa Verde	1A5 Tutorial Integrating CMMI, Lean and Six Sigma ***Mr. Robert Ferguson,*** ***SEI***	1A5 Tutorial Integrating CMMI, Lean and Six Sigma (con't) ***Mr. Robert Ferguson,*** ***SEI***	1B5 Tutorial ROI from CMMI and Other Process Improvements ***Mr. Thomas McGibbon,*** ***ITT AES***	1B5 Tutorial ROI from CMMI and Other Process Improvements (con't) ***Mr. Thomas McGibbon,*** ***ITT AES***
Track 6 Wind River	1A6 Tutorial CMMI V1.2 – An Overview ***Mr. David Phillips,*** ***SEI***	1A6 Tutorial CMMI V1.2 -- An Overview (con't) ***Mr. David Phillips,*** ***SEI***	1B6 Tutorial CMMI Crash Course: What the SEI Won't Teach You (Updated and Improved!) ***Mr. Hillel Glazer,*** ***Entinex, Inc.***	1B6 Tutorial CMMI Crash Course: What the SEI Won't Teach You (Updated and Improved!) (con't) ***Mr. Hillel Glazer,*** ***Entinex, Inc.***
Track 7 Wind Star	1A7 Tutorial Maturity Level 6! Automating Software Engineering Processes with IBM Rational's Suite of Integrated Automation ***Mr. Rolf Reitzig,*** ***Cognence, Inc.***	1A7 Tutorial Maturity Level 6! Automating Software Engineering Processes with IBM Rational's Suite of Integrated Automation (con't) ***Mr. Rolf Reitzig,*** ***Cognence, Inc.***		

BREAK (9:45 AM - 10:15 AM) (TUTORIAL ATTENDEES ONLY)

LUNCH (12:00 PM - 1:00 PM) (TUTORIAL ATTENDEES ONLY)

BREAK (2:45 PM - 3:15 PM) (TUTORIAL ATTENDEES ONLY)

RECEPTION (5:30 PM - 7:00 PM) (ALL ATTENDEES)

Technical Sessions - Tuesday, November 13, 2007

	Session/Chair	Session C 1:30 PM	Session C 2:15 PM	Session/Chair	Session D 3:30 PM	Session D 4:15 PM
Track 1 Grand Mesa D/E	**CMMI and Process Improvement** *Mr. Brian Gallagher, SEI*	2C1 When the Only Tool You Have is a Hammer, Every Problem Begins to Look Like a Nail *Mr. Sam Fogle, ACE Guides, LLC*	2C1 The Journey to CMMI Level 3 *Mr. Andrew Lay, Lockheed Martin Aeronautics Company*	**CMMI and Process Improvement** *Mr. Brian Gallagher, SEI*	2D1 Visualizing Improvement with Capability Waypoints *Mr. Robert Jacob, Naval Air Systems Command*	2D1 Institutionalization Measures: Key to Improved Process Monitoring *Dr. John Rusnak, Lockheed Martin Space Systems Company*
Track 2 Grand Mesa F	**Practical Guidance** *Dr. Rich Turner, The Stevens Institute*	2C2 How Not to be a CMMI Horror Story: A Simple, Scalable Process Architecture for CMMI that Works for Agile Teams, in Small Settings, and Everywhere Else. Prove Me Wrong. Please!! *Mr. Hillel Glazer, Entinex, Inc.*	2C2 High Performance versus High Maturity *Ms. Anita Carleton, SEI*	**Practical Guidance** *Dr. Rich Turner, The Stevens Institute*	2D2 Jump Starting Multi-Organizational Teams for High Process Capability *Ms. Joan Weszka, Lockheed Martin Corporate Engineering & Technology*	2D2
Track 3 Highlands	**Lean, Six Sigma Agile and CMMI** *Ms. Susan Bassham, US Army*	2C3 Assuring Quality for Efficient & Sufficient Testing *Mr. Pramod Varma, Wipro Technologies*	2C3	**Lean, Six Sigma Agile and CMMI** *Ms. Susan Bassham, US Army*	2D3	2D3
Track 4 Chasm Creek	**Acquisition** *Ms. Lorraine Adams, SEI*	2C4 Bridging Process Improvement During Program Management Evolution: An Experience Report *Capt DeWitt Latimer, USAF*	2C4	**Acquisition** *Ms. Lorraine Adams, SEI*	2D4	2D4 An "Embedded SCAMPI-C" Appraisal at the National Security Agency *Mr. Joseph Wickless, SEI*
Track 5 Mesa Verde	**Performance Results** *Dr. Dennis Godenson, SEI*	2C5 Linking Project Performance to CMMI Process Capability through Lean Measurements *Mr. Jeffrey Dutton, Jacobs Technology*	2C5	**Performance Results** *Dr. Dennis Godenson, SEI*	2D5 Quantitative Models for Predicting Project Success *Dr. Rick Hefner, Northrop Grumman Corporation*	2D5
Track 6 Wind River	**Appraisals** *Mr. Geoff Draper, Harris Corporation*	2C6 How to Kick Start a Process Improvement Effort to Achieve a CMMI Rating *Ms. Brenda Hall, Computer Sciences Corporation*	2C6 SEI Appraisal Program Quality Report *Mr. William Hayes, SEI*	**Appraisals** *Mr. Geoff Draper, Harris Corporation*	2D6 The Process In-execution Review (PIER) After Three Years *Mr. Dale Swanson, The MITRE Corporation*	2D6 I'm Preparing My Organization for an Appraisal, but I'm Not Really Sure I Understand this PIID Thing. Should I Worry? *Mr. Sam Fogle, ACE Guides, LLC*
Track 7 Wind Star	**Multi-Model Implementation** *Mr. Paul Croll, Computer Sciences Corporation*	2C7 Aligning CMMI and ITIL – Where Am I and Which Way Should I Go *Mr. Pat Mitryk, Cognence, Inc.*	2C7 Integrated System Framework: A Way Out of the Multi-Model Madness *Mr. Paul Byrnes, Integrated System Diagnostics*	**Multi-Model Implementation** *Mr. Paul Croll, Computer Sciences Corporation*	2D7 Combining Multiple Business Lines Under a Single Enterprise Quality Architecture *Mr. Jeremy Williams, L-3 Communications*	2D7 CMMI Outside the Box: Using Shared Process Architecture to Integrate Control into Process Design *Mr. Doug Jackson, Robbins-Gioia, LLC*

BREAK (3:00 PM - 3:30 PM)

RECEPTION (5:00 PM - 6:30 PM)

Technical Sessions - Wednesday, November 14, 2007

	Session/Chair	Session A	Session A	Session/Chair	Session B	Session B
		8:15 AM	9:00 AM		10:15 AM	11:00 AM
Track 1 Grand Mesa D/E	**CMMI and Process Improvement** ***Mr. Brian Gallagher, SEI***	3A1 CMMI Contenders, CMMI Pretenders ***Dr. Rick Hefner, Northrop Grumman Corporation***	3A1 Initial Fears of CMMI Introduction and How Things Really Played Out ***Dr. Paul Nugent, General Dynamics Advanced Information Systems***	**CMMI and Process Improvement** ***Mr. Brian Gallagher, SEI***	3B1 Software Firm + CMMI Level 2 Initiative + 15 months = Dramatic Quality Improvements ***Mr. Jeff Simpson, Campus Management Corporation***	3B1 How to Explain the Value of Every CMMI Practice ***Dr. Rick Hefner, Northrop Grumman Corporation***
Track 2 Grand Mesa F	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	3A2 The What, When, Why and How for CMMI Training ***Mr. Tom Bragg, AVISTA Incorporated***	3A2 Transitioning to the CMMI: What They Never Told You ***Mr. Steve Fried, The Boeing Company***	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	3B2 CMMI Implementation: Overcoming the PPQA Challenge ***Mr. Pat Mitryk, Cognence, Inc.***	3B2 How to Measurably Improve Your Requirements ***Mr. Timothy Olson, Lean Solutions Institute, Inc. (QIC)***
Track 3 Highlands	**Lean, Six Sigma, Agile, and CMMI** ***Ms. Susan Bassham, US Army***	3A3 Using Lean Six Sigma to Implement CMMI High Maturity Practices ***Ms. Beth Clark, Lockheed Martin***	3A3 The Potential for Lean Acquisition of Software Intensive Systems ***Mr. Jeffrey Dutton, Jacobs Technology***	**Lean, Six Sigma, Agile, and CMMI** ***Ms. Susan Bassham, US Army***	3B3 Lean, CMMI and Six Sigma Working Together to Achieve High Success ***Ms. Susan Bassham, US Army Aviation and Missle Command***	3B3
Track 4 Chasm Creek	**Acquisition** ***Ms. Lorraine Adams, SEI***	3A4 Driving Process Improvement Using the CMMI-ACQ at General Motors **Dr. Richard Frost, General Motors**	3A4 Leading Indicators for Acquisition Programs ***Mr. Robert Ferguson, SEI***	**High Maturity** ***Dr. Randy Walters, Northrop Grumman Corporation***	3B4 CMMI High Maturity Misconceptions ***Mr. William Hayes, SEI***	3B4 High Maturity: How Do We Know? ***Dr. Mike Konrad, SEI***
Track 5 Mesa Verde	**Performance Results** ***Dr. Dennis Goldenson, SEI***	3A5 Program Level Return on Investment for CMMI® Process Improvement ***Mr. J Perry, BAE Systems***	3A5	**Performance Results** ***Dr. Dennis Goldenson, SEI***	3B5 How Do We Get on the Road to Maturity? ***Mrs. Debra Perry, Harris Corporation***	3B5 Understanding CMMI Measurement Capabilities Performance & Outcomes: Results from the 2007 SEI State of Measurement Practices Survey ***Dr. Dennis Goldenson, SEI***
Track 6 Wind River	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	3A6 Executing a Successful CMMI Maturity Level 3 Scampi for Spawar Systems Center Charleston ***Mr. Michael Kutch, SPAWAR Systems Center Charleston***	3A6	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	3B6 CMMI SCAMPI Appraisals – The People/The Process/The Results-United Space Alliance, LLC Lessons Learned ***Ms. Robin Hurst, United Space Alliance, LLC***	3B6 Proposed Approach to Heterogeneous CMMI Appraisals ***Mr. Joseph Vandeville, Northrop Grumman Corporation***
Track 7 Wind Star	**Multi-Model Implementation,** ***Mr. Paul Croll, Computer Sciences Corporation***	3A7 Excellence at the Organization, Team and Individual levels; CMMI, TSP and PSP - Experience, Lessons Learned and Why all Three are Needed **Mr. Girish Seshagiri, Advanced Information Services, Inc.**	3A7 IEEE Life Cycle Standards and the CMMI® – Implementation Considerations ***Dr. Peter Hantos, The Aerospace Corporation***	**Multi-Model Implementation,** ***Mr. Paul Croll, Computer Sciences Corporation***	3B7 Using CMMI and OPM3 to Improve Performance ***Mr. Thomas Keuten, Pariveda Solutions***	3B7 Complementary or Competing? Achieving Synergy with OPM3®, CMMI®, and ISO 9001-2000 ***Mr. Mark Scott, Harris Corporation***

BREAK (9:45 AM - 10:15 AM)

LUNCH (12:00 PM - 1:30 PM)

Technical Sessions - Wednesday, November 14, 2007

	Session/Chair	Session C	Session C	Session/Chair	Session D	Session D
		1:30 PM	2:15 PM		3:30 PM	4:15 PM
Track 1 Grand Mesa D/E	**CMMI and Process Improvement** ***Mr. Brian Gallagher, SEI***	3C1 Mrs. Doubtfire Answers Your Questions about Process Improvement ***Dr. Rick Hefner, Northrop Grumman Corporation***	3C1 Developing a Second Generation Directive System Architecture ***Mr. Kenneth Weinberg, Raytheon Company***	**CMMI and Process Improvement,** ***Mr. Brian Gallagher, SEI***	3D1 Whose Processes Are These, Anyway ***Ms. Judith Tejan, AAI Services Corporation***	3D1 Scientific Breakthroughs in Process Improvement **Ms. Cheryl White, Change Delivery Group**
Track 2 Grand Mesa F	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	3C2 Defining a Decision Analysis and Resolution (DAR) Process Based on Best Practices ***Mr. Timothy Olson, Lean Solutions Institute, Inc. (QIC)***	3C2 Going from Level 3 to Level 5: Lessons Learned ***Mr. Scott Derby, AVISTA Incorporated***	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	3D2 Relationship Between Risk Management and Project Performance ***Mr. Warren Scheinin, Northrop Grumman Corporation***	3D2 Redefining QA's Role in Process Compliance ***Mr. Dean Wooley, Harris Corporation***
Track 3 Highlands	**Lean, Six Sigma, Agile and CMMI** ***Ms. Susan Bassham, US Army***	3C3 Comparing and Contrasting the PP & PMC Process Areas of CMMI v 1.2 and SCRUM **Dr. Aldo Dagnino** ***ABB, Inc. - US Corporate Research***	3C3 Applying Lean Principles to Systems Engineering **Mr. Timothy Olson, Lean Solutions Institute, Inc. (QIC)**	**Systems Engineering** ***Mr. Jerry Fisher, Aerospace Corporation***	3D3 Effective Systems Engineering: What's the Payoff for Program Performance? ***NDIA Systems EngineeringsEffectiveness***	3D3 What's All this 'churn' in Systems Engineering Standards and Models!? ***Mr. Donald Gantzer, SAIC***
Track 4 Chasm Creek	**High Maturity** ***Dr. Randy Walters, Northrop Grumman Corporation***	3C4 High Maturity System/Software Cost Estimation ***Dr. Richard Welch, Northrop Grumman Corporation***	3C4 ADVANCE - Implementing a Defect Model for Performance Prediction ***Mr. Stanley Martin, L-3 Communications/IS***	***H*igh Maturity** ***Dr. Randy Walters, Northrop Grumman Corporation***	3D4 Statistically Managing a Critical Logistics Schedule Using CMMI ***Mr. Robert Tuthill, Northrop Grumman Corporation***	3D4 A More Practical Set of High Maturity Practices ***Dr. Rick Hefner, Northrop Grumman Corporation***
Track 5 Mesa Verde	**Performance Results** ***Dr. Dennis Goldenson, SEI***	3C5 Using Predicted Delivered Defects as a Management Tool ***Mr. Dustin Sims, BAE Systems***	3C5 Calibrating the Project Planning Process ***Mr. Donald Corpron, Northrop Grumman Corporation***	**Performance Results/ Measurement** ***Dr. Dennis Goldenson, SEI***	3D5 Predicting the Future with CPI ***Mr. Donald Corpron, Northrop Grumman Corporation***	3D5 All Others Bring Data ***Ms. Charlene Gross, SEI***
Track 6 Wind River	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	3C6 Selecting a Representative Sample for CMMI Enterprise Appraisals ***Ms. Kathryn Kirby, Raytheon Company***	3C6 Logistics and Lessons Learned in Conducting an CMMI® Maturity Level 3 Full-Model Scope Enteprise-level Appraisal ***Ms. Kathryn Kirby, Raytheon Company***	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	3D6	3D6
Track 7 Wind Star	**Multi-Model Implementation** ***Mr. Paul Croll, Computer Sciences Corporation***	3C7 Formal Process Definition with Industry Standards ***Mr. Chris Armstrong, Armstrong Process Group, Inc.***	3C7 Strengthening CMMI Implementation thru PSP Based Bottom-up Approach to Process improvement ***Mr. Ramprasad Tayur Subramahyam, Motorola***	**Non-Development Implementation** ***Mr. Paul Croll, Computer Sciences Corporation***	3D7 Project Management Architecture Design as a Critical Success Factor in CMMI Model Implementation ***Mr. Christen MacMillan, L-3 Communications***	3D7 CMMI—Next Steps ***Ms. Kristen Baldwin, ODUSD (A&T) SSE/SSA***

BREAK (3:00 PM - 3:30 PM)

CONFERENCE ADJOURNS FOR THE DAY (5:00 PM)

Technical Sessions - Thursday, November 15, 2007

	Session/Chair	Session A	Session A	Session/Chair	Session B	Session B
		8:15 AM	9:00 AM		10:15 AM	11:00 AM
Track 1 Grand Mesa D/E	**CMMI and Process Improvement** *Mr. Brian Gallagher, SEI*	4A1 Fast Track to Higher CMMI Maturity Levels: Lessons Learned from Five Initiatives *Ms. Cheryl White, Change Delivery*	4A1 SE Complexity and Project Management *Mr. Robert W. Ferguson, SEI*	**CMMI and Process Improvement** *Mr. Brian Gallagher, SEI*	4B1 Seven Success Factors for CMMI Based Process Improvement *Mr. Orhan Kalayci, XPI - eXtreme Process Improvement*	4B1 CMMI Process Improvement: It's Not a Technical Problem, It's a People Problem! *Mr. Rolf Reitzig, Cognence, Inc.*
Track 2 Grand Mesa F	**Practical Guidance** *Dr. Rich Turner, The Stevens Institute*	4A2 Getting Your Arms Around Stakeholder Involvement *Ms. Susan Byrnes, Natural SPI, Inc.*	4A2 DAR: Appraisal is Coming,… No Trade Studies Anywhere,… Now What? *Ms. Diane Mizukami-Williams, Northrop Grumman Mission Systems*	**Practical Guidance** *Dr. Rich Turner, The Stevens Institute*	4B2 Beating the Odds – A Tale of One Company's Rapid Rise to Maturity Level 5 *Mr. Henry Schneider, Process and Product Quality Consulting, LLC*	4B2 A Framework to Manage and Evaluate Remote Software Testing Using CMMI *Dr. Aldo Dagnino, ABB, Inc. - US Corporate Research*
Track 3 Highlands	**Systems Engineering** *Mr. Jerry Fisher, Aerospace Corporation*	4A3 Project Management by Functional Capability *Mr. Fred Schenker, SEI*	4A3 Software Architecture Development Leveraging the Attribute Driven Design and CMMI Methodologies *Dr. Aldo Dagnino, ABB, Inc. US Corporate Research*	**Systems Engineering** *Mr. Jerry Fisher, Aerospace Corporation*	4B3 Systems Assurance – Practices Make Perfect – How Your Engineering and Management Practices Can Help Meet the Assurance Challenge *Mr. Paul Croll, Computer Sciences Corporation*	4B3 Tools and Resources to Enable Systems Engineering Improvement *Mr. Michael Kutch, SPAWAR Systems Center Charleston*
Track 4 Chasm Creek	**High Maturity** *Dr. Randy Walters, Northrop Grumman Corporation*	4A4 Thought Before Action: A High Maturity Roadmap for the Lower Maturity Organization *Mr. James McHale, SEI*	4A4 Integrated Implementation of Advanced Maturity Practices *Mr. Dale Childs, DFAS*	**High Maturity** *Mr. Randy Walters, Northrop Grumman Corporation*	4B4 Process Performance Baselines and Models: Duh, I Don't Get It *Ms. Diane Mizukami-Williams, Northrop Grumman Mission Systems*	4B4 Expanding Statistical Process Control Across All Engineering Disciplines: A Sequence of Practical Case Studies *Dr. Richard Welch, Northrop Grumman Corporation*
Track 5 Mesa Verde	**Measurement** *Dr. Dennis Goldenson, SEI*	4A5 The Productivity Puzzle *Mrs. Jill Brooks, Raytheon Company*	4A5 Using Metrics to Develop a Software Project Strategy *Mr. Donald Beckett, Quantitative Software Management*	**Measurement** *Dr. Dennis Goldenson, SEI*	4B5 Lessons Learned in the Implementation of Measurement Techniques for CMMI GP 2.8 *Dr. Susanna Schwab, L-3 Communications*	4B5 Optimizing the Measurement Process *Mr. Gary Natwick, Harris Corporation*
Track 6 Wind River	**Appraisals** *Mr. Geoff Draper, Harris Corporation*	4A6 Cutting Appraisal Costs in Half *Dr. Rick Hefner, Northrop Grumman Corporation*	4A6 Experiences Implementing Very Large High Confidence Enterprise Appraisals *Mr. Paul Byrnes, Integrated System Diagnostics*	**Appraisals** *Mr. Geoff Draper, Harris Corporation*	4B6 Process Compliance the Smart Way *Mr. Gary Natwick, Harris Corporation*	4B6 Judging the Suitability of Alternative Practices *Dr. Rick Hefner, Northrop Grumman Corporation*
Track 7 Wind Star	**Non-Development Implementation** *Mr. Paul Croll, Computer Sciences Corporation*	4A7 Quality Maturity Model – Foundation for Process Institutionalization *Mr. Sumit Gupta, Royal Bank of Scotland - India Development Center*	4A7 Not Just for Software Anymore: Lessons Learned From a CMMI™ Appraisal on Projects in a Nonnuclear Weapons Facility *Mr. Daniel Fritts, Honeywell*	**Non-Development Implementation** *Mr. Paul Croll, Computer Sciences Corporation Mr. Paul Croll,*	4B7 CMMI for Services Overview *Mr. Craig Hollenbach, Northrop Grumman Corporation*	4B7 Defining Lean Service and Maintenance Processes that are CMMI Compliant *Mr. Timothy Olson, Lean Solutions Institute, Inc. (QIC)*

BREAK (9:45 AM - 10:15 AM)

LUNCH & AWARD PRESENTATION (12:00 PM - 1:30 PM)

Technical Sessions - Thursday, November 15, 2007

	Session/Chair	Session C (1:30 PM)	Session C (2:15 PM)	Session/Chair	Session D (3:30 PM)	Session D (4:15 PM)
Track 1 Grand Mesa D/E	**CMMI and Process Improvement** ***Mr. Brian Gallagher, SEI***	4C1 Untethered Activities - The Real Reason for Schedule Slips ***Mr. Rolf Reitzig, Cognence, Inc.***	4C1 Improving Project Proposal Quality via CMMI ***Mr. Chen Wang, Institute for Information Industry***	**CMMI and Process Improvement** ***Mr. Brian Gallagher, SEI***	4D1	4D1
Track 2 Grand Mesa F	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	4C2 CMMI, Configuration Management, and Baseball – How to Score ***Ms. Julie Schmarje, Raytheon Company***	4C2 Automated Systems for Project Portfolio Management - Project Success and Outstanding Earned Value ***Mr. Pothiraj Selvaraj, Global Computer Enterprises***	**Practical Guidance** ***Dr. Rich Turner, The Stevens Institute***	4D2	4D2
Track 3 Highlands	**Systems Engineering** ***Mr. Jerry Fisher, Aerospace Corporation***	4C3 Applying CMMI Principles to Certification Process of Legacy Aircraft ***Ms. Michele Bruno, The Boeing Company***	4C3 Accreditation of Undergraduate Programs in Computing, Software Engineering, Systems Engineering and the Ties to CMMI-based Improvement ***Mr. Dan Nash, Raytheon Company***	**Systems Engineering** ***Mr. Jerry Fisher, Aerospace Corporation***	4D3 How Future Trends in Systems and Software Engineering Bode Well for Enabling the Rapid Adoption of CMMI ***Dr. Ken Nidiffer, SEI***	4D3
Track 4 Chasm Creek	**High Maturity** ***Dr. Randy Walters, Northrop Grumman Corporation***	4C4 Statistical Process Control Applied to Specification Requirements Process ***Mr. Al Florence, The MITRE Corporation***	4C4 Implementing High Maturity in a Production Support Environment ***Ms. Virginia Slavin, SSCI***	**High Maturity** ***Dr. Randy Walters, Northrop Grumman Corporation***	4D4 Using the Scientific Method at Levels 4-5 ***Dr. Jeff Ricketts, Raytheon Company***	4D4
Track 5 Mesa Verde	**Measurement** ***Dr. Dennis Goldenson, SEI***	4C5	4C5 Measurement Strategies in the CMMI ***Dr. Rick Hefner, Northrop Grumman Corporation***	**Measurement** ***Dr. Dennis Goldenson, SEI***	4D5 5 Major Sites, 4 Separate Disciplines, 11,500 Engineers, 1 Data Repository: Having Data You Can Actually Use – Priceless! ***Mrs. Jill Brooks, Raytheon Company***	4D5
Track 6 Wind River	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	4C6 Lessons Learned Conducting High Maturity SCAMPIs ***Mr. Paul Byrnes, Integrated System Diagnostics***	4C6 Benefits of SCAMPI Class C in Small Settings ***Dr. Mary Anne Herndon, Transdyne Corporation***	**Appraisals** ***Mr. Geoff Draper, Harris Corporation***	4D6 Lower Cost, More Effective Alternatives to SCAMPIs **Dr. Rick Hefner,** ***Northrop Grumman Corporation***	4D6 Using Workshops to Speed CMMI Adoption and Evidence Gathering **Dr. Rick Hefner,** ***Northrop Grumman Corporation***
Track 7 Wind Star	**Extensions** ***Mr. Paul Croll, Computer Sciences Corporation***	4C7 Achieving CMMI Level 3 in a Consulting-based Environment ***Mr. Jeremy Williams, L-3 Communications Enterprise IT Solutions***	4C7 Implementing Acquisition and System Engineering Processes in a Maintenance Organization ***Mr. Bill Fetech, The MITRE Corporation***	**Extensions** ***Mr. Paul Croll, Computer Sciences Corporation***	4D7	4D7

BREAK (3:00 PM - 3:30 PM)

CONFERENCE ADJOURNS (5:00 PM)