

Tuesday, June 6

7:00 - 8:00 am • Breakfast Buffet Available • Salon F-I

7:45 - 8:00 am • Welcome & Workshop Overview • Salon F-I

8:00 - 8:30 am • Best Paper Awards Presentation • Salon F-I

8:30 - 9:30 am • Keynote Speaker Gordon Kranz • Salon F-I

Papers Tracks							Training Tracks	
	Software	Methods	Economic Analysis	Risk	Policy & Standards			
	Salon A	Salon B	Salon C	Salon D	Columbia	Pearl		
9:45 - 10:30	<i>Software Effort Estimation Models for Contract Cost Proposal Evaluation</i> (SW06) Wilson Rosa	<i>Deployment Cost Estimation for Electronic/IT Systems</i> (MM10) F. Gurney Thompson III	<i>Discount Rate for Government Investment</i> (EA02) Ron Beheler	<i>Integrated Cost-Schedule Risk Analysis Improves Cost Contingency Calculation</i> (RI07) David Hulett	<i>The Art of Cost: Sun-Tzu's Strategic Insight in Cost Estimation</i> (PS07) Brian A. Gillespie	CCEA/PCEA Exam Overview		
10:00 - 10:30 am • Break • Exhibit Hall • Salon E								
11:00 - 11:45	<i>Software Size Growth</i> (SW07) Marc Russo	<i>Automated Data Collection Using Open Source Web Crawling Technology</i> (MM03) Nate Sirirojvisuth	<i>Are the Rates Right? Benchmark Protection Against Escalation SWAG</i> (EA03) Brian Flynn	<i>Being Certain About Uncertainty, Part 1</i> (RI05) Andy Prince	<i>Establishing and Implementing Cost Estimating Standards</i> (PS10) Hetal Patel	Training Program Welcome		
11:45 am - 12:45 pm • Lunch • Salon F-I								
12:45 - 1:30	<i>Reliable Non-Design, Code, Test, and Integration Cost Relationships</i> (SW03) Jeremy Goucher	<i>Cost Estimating Canada's Future Surface Combatants</i> (MM13) Rod Story	<i>Kennedy Space Center's Transformation to a Multi-User Spaceport</i> (EA07) Terry Lambing	<i>Reducing S-Curve Alchemy: Gold from a New SAR Database</i> (RI04) Todd Andrews	<i>Assuring Credibility in the Cost Estimate</i> (PS01) Henry Apgar	Mt. Hood	Pearl	
1:45 - 2:30	<i>Bottom Up Methods of Estimating Software SE/PM and Non-DCTI Costs</i> (SW02) James Black	<i>Budgeting for Canadian Shipbuilding— Examining Predictive Cost Analytic Methods</i> (MM11) Zach Jasnoff	<i>Terminal Facility Realignment: A Business Case Approach</i> (EA05) Deji Oladipupo	<i>Contract Geometry Best Practices for Incentive Contracting</i> (RI01) Peter J. Braxton	<i>Estimating Challenges and Solutions at NASA: Past, Present, & Future</i> (PS11) Cabin Samuels	Cost Estimating Basics (CEB01) Elisa Blagoev, Christina Snyder	Schedule Estimating and Analysis (ACT09) Justin Hornback	
2:30 - 3:00 pm • Break • Exhibit Hall • Salon E								
3:00 - 3:45	<i>Objective SLOC: An Alternative Method to Sizing Software Development Efforts</i> (SW04) Andrew Kicinski	<i>Don't Get Caught in the Learning Curve Vacuum</i> (MM06) Patrick McCarthy	<i>Using Real Options to Quantify Portfolio Value in Business Cases</i> (EA01) George Bayer, Jr.	<i>A 'Common Risk Factor' Method to Estimate Correlations Between Distributions</i> (RI02) Marc Greenberg	<i>In Theory Or In Practice? The Optimistic World of Pessimistic Cost Estimators</i> (PS02) Erin K. Barkel	Inflation (CEB04)	Schedule Risk Analysis (ACT10)	
4:00 - 4:45	<i>Analysis of Software Cost Estimation Models Using Normalized, Stratified Data</i> (SW08) Dan Strickland	<i>Cost Associated with Acquisition Complexity and Differing Levels of Mission Assurance</i> (MM01) Erik Burgess	<i>The Rate You Want – Rethinking Cost Escalation in FAA Development</i> (EA04) Sriram Krishnan	<i>Using Quantum Theory and Monte Carlo Multiverse to Manage Risk</i> (RI08) Nathan Eskue	<i>Developing a Cost Capability Roadmap</i> (PS05) John Fitch	Steven D. Smith	David Hulett	
4:45 - 7:00 pm • Welcome Reception • Exhibit Hall • Salon E								

Wednesday, June 7 - Morning

7:00 - 8:00 am • Breakfast Buffet Available • Salon F-I

7:45 - 8:00 am • Welcome & Workshop Overview • Salon F-I

8:00 - 9:00 am • Association Awards • Salon F-I

9:00 - 9:45 am • Keynote Speaker Mark Meckler • Salon F-I

9:45 - 10:15 am • Break

Papers Tracks										Training Tracks			
	Agile	EVM & Scheduling	Parametrics	Data Analysis	Policy & Standards								
	Salon A	Salon B	Salon C	Salon D	Columbia	Pearl	Mt. Hood	Hawthorne	Belmont				
10:15 - 11:00	<p><i>Agile: You're Doing it Wrong (or how to know you're doing it right)</i> (AG03) Daniel B. French</p>	<p><i>NRO CAAG Spacecraft Test Schedule Estimating Relationship</i> (EV02) Daniel Barkmeyer</p>	<p><i>Novel Manufacturing Methods ~ Characterizing the Impacts to Cost</i> (PA07) Zachariah Sayre</p>	<p><i>Production Rates: Do They Really Matter?</i> (DA03) Brent Johnstone</p>	<p><i>Coherence & Oddities: A Retrospective of Cost Estimating Publications 1978-2016</i> (PS08) Ross A. Jackson</p>	Herve Joumier, Jennifer Kirchhoffer	<p><i>Parametric Estimating and Cost Estimating Relationships</i> (PAR01) Kyle Thomas, James Williamson</p>	<p><i>Joint Cost and Schedule Risk</i> (ACT11) David Hulett</p>	<p><i>Cost Estimating Techniques</i> (CEB02) Walter Bednarski, Jean Nicole Sullivan</p>				
11:15 - 12:00	<p><i>Beyond the Manifesto: Tracking Agile Performance in a DoD Environment</i> (AG04) Gordon M. Kranz</p>	<p><i>Beyond RIFT: Improved Metrics to Manage Cost and Schedule</i> (EV05) Nicholas DeTore</p>	<p><i>Modeling with Gumby: Pros and Cons of the Weibull Curve</i> (PA05) Michael Mender</p>	<p><i>Technology Readiness Level (TRL) vs. Percent Development Cost</i> (DA05) James Linick</p>	<p><i>How to use Predictive Analytics for a DCAA-Compliant Estimating System</i> (PS04) Anthony A. DeMarco</p>								

12:00 - 1:15 pm • Lunch • Salon F-I

Wednesday, June 7 - Afternoon										
Papers Tracks						Training Tracks				
Agile	EVM & Scheduling	Parametrics	Data Analysis	Policy & Standards						
Salon A	Salon B	Salon C	Salon D	Columbia	Pearl	Mt. Hood	Hawthorne	Belmont		
1:15 - 2:00	<i>How Should We Estimate Agile Software Development Projects and What Data Do We Need?</i> (AG01) Tom Coonce	<i>Adopting DOD Best Practices in IPM to non-DOD Needs</i> (EV07) David L. Wang	<i>Maximum Likelihood Estimation for Regression of Log Normal Error</i> (PA06) Christian Smart	<i>Technology Development Cost and Schedule Modeling</i> (DA07) Chuck Alexander	<i>The Shortcomings of Cost Estimating Templates</i> (PS06) Meagan Gadreault	<i>Data Collection</i> (CEB03)	<i>Software Cost Estimating</i> (CEB09)	<i>Technical Baselines</i> (ACT02)	<i>Manufacturing Cost Estimating</i> (ACT06)	
2:15 - 3:00	<i>Agile 'Mumbo Jumbo'</i> (AG02) Jeremy Eden	<i>Fully Integrated Cost & Schedule Method Analysis Schedule Implementation</i> (EV04) Jonathan Brown	<i>Moment One, Please</i> (PA04) Chad Krause	<i>Machine Learning Approach to Cost Analysis</i> (DA06) Karen Mourikas	<i>Anatomy of the Future Department of Defense Cost Estimator</i> (PS13) Tamiko L. Ritschel	Danny Polidi, Omar Akbik	William Barfield	Chris Hall, Peter Braxton	Cynthia Prince	
3:00 pm - 3:30 pm • Refreshment Break • Exhibit Hall • Salon E										
Papers Tracks	Training	Papers Tracks			Training Tracks					
3:30 - 4:15	<i>Agile Delphi Estimating and Analyzing Schedule/Resource Realism for Software Projects</i> (AG07) Blaze Smallwood	<i>Solution Based Estimation</i> (SWT01) Eric van der Vliet	<i>Assessing Confidence Levels in Funding and Budgeting NASA Science Missions</i> (PA01) Robert E. Bitten	<i>Assessing ERP Cost, Schedule and Size Growth</i> (DA02) Hasetetsion Gebre-Mariam	<i>A History of Thought in Defense Acquisitions</i> (PS09) Eric M. Lofgren	<i>Data Analysis</i> (CEB05)	<i>Prob/Stat Basic</i> (CEB08)	<i>Complex Models Software</i> (PAR07)	<i>Regression Nonlinear / Multivariate</i> (PAR03)	
4:30 - 5:15	<i>Agile and GAO Cost Estimating Best Practices</i> (AG05) Jennifer Leotta	<i>Estimation Methods</i> (SWT02) Wilson Rosa	<i>Data Driven Confidence Regions for Cost Estimating Relationships</i> (PA03) Christopher Jarvis	<i>DHS Cost Analysis Overview</i> (DA08) Darrin DeReus	<i>Masters in Cost Estimating and Analysis</i> (PS14) Dan Nussbaum	Eric Plumer, Brian Oceau	Christian Smart, Denise Nelson	Arlene Minkiewicz	Marc Greenberg, Herve Joumier	
5:15 pm - 7:00 pm • Networking Reception • Exhibit Hall • Salon E										

Thursday, June 8 - Morning							
7:00 - 8:00 am • Breakfast Buffet Available • Salon F-I							
8:00 - 9:00 am • Keynote Speaker David M. Raffo, Ph.D. • Salon F-I							
	Papers Tracks			Training Tracks			
	Operating & Support	Methods	Agile				
	Salon A	Salon B	Salon C	Pearl	Mt. Hood	Hawthorne	Belmont
9:15 - 10:00	<p><i>Decision Trees and Cost Estimating</i> (MM12) Josh Wilson</p>	<p><i>Exploring the of Results of Two Methodologies for Unmanned Space Estimation</i> (MM09) John Swaren</p>	<p><i>A Cost Model for Early Cost Calculation of Agile Deliveries</i> (AG08) Eric van der Vliet</p>	<p><i>COSMIC Software Estimating</i> (ACT13) Alain Abran</p>	<p><i>Risk Analysis Basic</i> (CEB07) Christian Smart</p>	<p><i>Complex Models – Company Developed / Hardware</i> (PAR06) David Bloom, Greg Kiviat</p>	<p><i>CER Risk and S-Curves</i> (PAR05) Diane Butler</p>
10:15 - 11:00	<p><i>Implementing Additive Manufacturing Technology into the Logistics Supply Chain</i> (OS05) Patrick K. Malone</p>	<p><i>A Framework to Price and Cost IT Network Services</i> (MM05) John Leahy</p>	<p><i>CMMI and Agile Development: A Binary Choice?</i> (AG06) Arlene F. Minkiewicz</p>				
11:15 am - 12:15 pm • Best Paper • Salon F-I							
12:15 am - 1:15 pm • Lunch • Salon F-I							

Thursday, June 8 - Afternoon								
	Papers Tracks			Training Tracks				
	Operating & Support	Methods/Training	Software/Methods	Pearl	Mt. Hood	Hawthorne	Belmont	
	Salon A	Salon B	Salon C					
1:15 - 2:00	<i>Army Software Maintenance Cost Estimating Relationships (OS04)</i> Cheryl Jones	<i>Don't Dis LOE: Modeling Production Sustaining Labor Across Multiple Lots (MM02)</i> Sandy Burney	<i>The Journey from "Bottom-up" to Predictive Modelling BOE (SW09)</i> Lori Saleski	<i>Advanced Probability and Statistics (ACT05)</i> Neil Chakrabarti, Diane Butler	<i>Contract Pricing (CEB11)</i> Patrick McCarthy, Ramzi Shuhaibar	<i>EVM Basic (CEB12)</i> Patrick Malone, Jeffrey Locke II	<i>Better Buying Power and Target Costing (ACT12)</i> John Deem, Tom Dauber	
2:15 - 3:00	<i>Expanding the Range of Your Data: A Small Ships Case Study (OS06)</i> Kathleen Hudgins	<i>Modeling Hardware Development Cost in a Low TRL / Pre-Acquisition Environment (MM08)</i> Jack Snyder	<i>Software Projects Estimation & Control (SW01)</i> Alain Abran					
3:00 pm - 3:30 pm • Break • Salon F								
	Papers Tracks			Training Tracks				
	Salon A	Salon B	Salon C	Pearl	Mt. Hood	Hawthorne	Belmont	Laurelhurst
3:30 - 4:15	<i>Sustainment Cost Data Collection (OS02)</i> Sandi Enser	<i>Lessons Learned in Leveraging Historical Cost, Schedule and Technical Data (DA04)</i> Greg Kiviat	<i>Marco-Parametrics; Its Unique Capability and Application (MM15)</i> Dale Shermon	<i>Monte Carlo Simulations (ACT04)</i> Christopher Jarvis	<i>Economic Analysis Basic (CEB10)</i> Neil Chakrabarti, Blaze Smallwood	<i>Regression Multiplicative (PAR04)</i> Marc Greenberg, Christian Smart	<i>Estimation Maturity Model (SWT04)</i> Brian Glauser	<i>PCEA & CCEA Exam Study Session</i>
4:30 - 5:15	<i>Projecting Program Spare Parts Sustainment with Incomplete Data (OS01)</i> Bryan Anderson	Training <i>Intro to Sizing Physical & Functional Methods (SWT03)</i> Alain Abran	<i>Modeling the Influence of System and Application Complexity on the Cost of Cloud Hosting (MM14)</i> Daniel J. Harper				<i>Basis of Estimate (SWT05)</i> Eric van der Vliet	

Free Evening - Enjoy Portland!

Friday, June 9			
7:00 - 8:00 am • Breakfast Buffet Available • Salon F-I			
7:45 - 8:00 • Training Day Review, Q&A • Salon F-I			
Training Tracks			
	Salon A	Salon B	Salon C
8:00 - 9:30	<i>Work Breakdown Structure (WBS)</i> (ACT03) Eric Plumer Charles D. Hunt	<i>GAO Cost Assessment Guide</i> (ACT01) Brian Bothwell	<i>Metrics Collection</i> (SWT06) Arlene F. Minkiewicz
			<i>Benchmarking / Cost Drivers</i> (SWT07) Alain Abran
10:00 - 11:30	<i>Learning Curve Analysis</i> (CEB06) Denise Nelson Sriram Krishnan	<i>Economic Analysis Advanced</i> (ACT08) Brian Flynn	
Conference Ends - 11:30am			