

Tuesday, June 7, 2016

7:00 - 8:00 am • Breakfast Buffet Available • Grand Ballroom 1&2

8:00 - 8:30 am • Best Paper Awards Presentation • Grand Ballroom 1&2

8:30 - 9:30 am • DoD Cost Agency Panel Discussion • Grand Ballroom 1&2

| Papers Tracks | | | | | | | |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------|
| | Buckhead 1 | Buckhead 2 | Highland 4&5 | Azalea | Highland 1&2 | Ivy 1&2 | Highland 3 |
| | <i>Parametrics</i> | <i>Management, EVM & Scheduling</i> | <i>Methods & Models</i> | <i>Software Sizing</i> | <i>Business Case Analysis</i> | | |
| 9:45 - 10:30 am | How Predictive Analytics is Improving Parametric Cost Estimation (PA-03) Anthony A. DeMarco | Organization Cost Estimation as a Human Intensive Systems Engineering Problem (MS-01) David Bloom, Robert Wright, Danny Polidi | Department of Defense Commercial-Off-The-Shelf (COTS) Pricing Analysis (MM-01) Heather L. Brown | Estimating Small Scale Software Integration Efforts with a Large Scale Code Base (SS-01) Joe Bauer | ROS vs. ROC: Government Can Lower Price by Raising Fee (BC-02) Sandy Burney | | <i>CCEA/PCEA Exam Overview</i> |
| 10:30 - 11:00 am • Break • Grand Ballroom 1&2 | | | | | | | |
| 11:00 - 11:45 am | Multiple Regression: Prediction & Confidence Intervals Demystified (PA-02) Stacy M. Dean | Putting Schedule Quality Checks to the Test (MS-06) Eric M. Lofgren | Naval Sea Systems Ship Command Logistics Requirements Funding Summary Tool (MM-02) Jeremy Eden | Alternatives to SLOC in the Modern Environment (SS-02) Jeremy Goucher | Fixing the Flawed Nature of DoD BCA's (BC-04) William G. Williamson | <i>Volunteer Leadership Orientation</i> | <i>Training Tracks Welcome & Overview</i> |
| 11:45 am - 12:45 pm • Lunch • Grand Ballroom 1&2 | | | | | | | |

Tuesday, June 7, 2016

| | | Papers Tracks | | | | Training Tracks | | |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|
| | | Buckhead 1 | Buckhead 2 | Highland 4&5 | Azalea | Highland 1&2 | Ivy 1&2 | Highland 3 |
| | | <i>Parametrics</i> | <i>Management, EVM & Scheduling</i> | <i>Methods & Models</i> | <i>Software Sizing</i> | <i>Business Case Analysis</i> | | |
| 12:45 - 1:30 pm | Develop PRESS for Nonlinear Equations (PA-06) Shu-Ping Hu | EVM's Potential for Enabling Integrated Cost-Risk Management (MS-03) David Graham, Bryn Turner | Beyond Anderlohr: An Alternate Approach To Estimating Production Breaks (MM-05) Brent Johnstone | Cost Element Structure for Cloud Migration Business Case Analysis (SS-06) Lorena Aguilar | Bridging the Gap Between Capital Investment Valuation in Private & Public Sector (BC-01) George Bayer, Jr. | <i>Integration Training: Basic Schedule Analysis</i> (INT01) Justin Hornback | <i>Cost Estimating Basic: Cost Estimating Basics</i> (CEB01) Ted Mills, Tom Dauber | |
| 1:45 - 2:30 pm | Dialing for Dollars: Improving Cost Estimating Accuracy Through Data Mining (PA-05) Brittany Holmes, James Glenn, Christian B. Smart | Conducting Root Cause Analysis for Should Cost Management (MS-02) Nancy A. R. Droz, Robert L. Hernandez | Footprints in the Sand: A Conversational Approach to Basis of Estimate (BOE) (MM-03) Frank R. Flett | Agile and Function Points: A Winning Combination (SS-03) Daniel B. French | Developing a Dynamic Expense-Volume-Profit Model to Determine Break-Even Point (BC-03) William Kent | | | |

2:30 - 3:00 pm • Break • Grand Ballroom 1&2

| | | Papers Tracks | | | | Training Tracks | | |
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| | | Buckhead 1 | Buckhead 2 | Highland 4&5 | Azalea | Highland 1&2 | Ivy 1&2 | Highland 3 |
| 3:00 - 3:45 pm | X-Planes to X-Wings ~ Developing a Parametric Cost Model (PA-10) Steve Sterk | Applying Earned Value to Agile Development Programs (MS-04) Bob Hunt, Michael Thompson | Delphi Methodology for Cost Estimating (MM-06) Cole J. Kupec, III | Collaborative Scoring: An Innovative Approach for Sizing Software Projects (SS-07) Blaze Smallwood | <i>Parametric Training: Parametric Analysis Overview</i> (PAR01) Chris Price, Arlene Minkiewicz | <i>Integration Training: Schedule Risk Analysis</i> (INT03) David Hulett | <i>Cost Estimating Basic: Cost Estimating Techniques</i> (CEB02) Patrick Malone, Christina Snyder | |
| 4:00 - 4:45 pm | The Collinearity Kill Chain: Detect, Classify, Localize, Neutralize (PA-04) Brian Flynn, Adam James | <i>Business Case Analysis</i> Begin With a Joke? What John Oliver Can Teach Us About Communicating Cost Estimates (BC-08) Erin Barkel | Estimating the Cost of the Aegis Flight III Test Platform (MM-04) Jeremy Goucher | Process-Related Effort and Schedule Estimating Relationships for Software Cost Estimating (SS-08) Corinne Wallshein, Nicholas Lanham, Wilson Rosa | | | | |

4:45 - 7:00 pm • Welcome Reception • Exhibit Hall • Grand Ballroom 3 and Foyer

Wednesday, June 8, 2016

7:00 - 8:00 am • Breakfast Buffet Available • Grand Ballroom 1&2

7:45 - 8:00 am • Welcome & Day Overview • Grand Ballroom 1&2

8:00 - 8:45 am • Annual Association Awards • Grand Ballroom 1&2

8:45 - 9:45 am • Keynote Speaker Col. Darby McNulty • Grand Ballroom 1&2

| | Papers Tracks | | | | Training Tracks | | | |
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| | Buckhead 1 | Buckhead 2 | Cascade | Azalea | Ivy 1&2 | Highland 1&2 | Highland 3 | Highland 4&5 |
| | <i>Methods & Models</i> | <i>Risk & Uncertainty</i> | <i>Acquisition</i> | <i>Software & IT</i> | | | | |
| 10:00 - 10:45 am | Workload-Adjusted Labor Cost Model (MM-09) Michael Mender | Cost Risk for Firm Fixed-Price Contracts (RU-01) David Biron, Christian Smart | Observation of Production Rate Effect in Historical Costs of Weapon Systems (AC-01) William Banks, Timothy Lawless | Cloud Total Ownership Costing: Considering the Technologies, Costs and Benefits (SI-01) Dan Galorath, Steven Woodward | <i>Integration Training: Advanced Schedule Analysis</i> (INT02) Justin Hornback | <i>Parametric Training: Cost Estimating Relationships</i> (PAR02) Chris Price, Anthony DeMarco | <i>Cost Estimating Basic Training: Data Collection</i> (CEB03) Christina Snyder | <i>Cost Estimating Advanced Training: GAO Cost Guide</i> (CEA01) Karen Richey, Jennifer Leotta |
| 11:00 - 11:45 am | Using Physics Based Reliability Methods for Should Cost Estimates (MM-08) Patrick K. Malone | Modeling Prediction Intervals Using Monte Carlo Simulation Software (RU-02) James Black, Qing Qing "Q" Wu | GAO-COFC Concurrent Bid Protest Jurisdiction: Are Two Fora Too Many? (AC-06) James Linick | Data Collection for Agile Projects (SI-02) Blaze Smallwood | | | | |
| 11:45 - 1:00 pm • Lunch • Grand Ballroom 1&2 | | | | | | | | |

Wednesday, June 8, 2016

| Papers Tracks | | | | | Training Tracks | | | |
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| Buckhead 1 | Buckhead 2 | Cascade | Azalea | Ivy 1&2 | Highland 1&2 | Highland 3 | Highland 4&5 | |
| <i>Methods & Models</i> | <i>Risk & Uncertainty</i> | <i>Acquisition</i> | <i>Software & IT</i> | | | | | |
| 1:00 - 1:45 pm Beyond CSDRs: Collecting Contractor Cost Data for Detailed Cost Estimates (MM-07) Tim Lawless | Introducing RIFT to Protect Your Uncertain Schedule (RU-03) Nicholas DeTore, Peter Frederic | Federal Agency Independent Government Cost Estimate (IGCE) Starter Kit (AC-03) Cassandra M. Capots, Lauren Nolte, Lavanya Yeleswarapu | Agile Software Development: Theory, Cost Estimating Methods, and Case Studies (SI-04) Eric Hawkes, Cole J. Kupec II | <i>Integration Training: Joint Cost and Schedule Risk</i> (INT04) David Hulett | <i>Parametric Training: Regression Linear</i> (PAR03) Peter Braxton | <i>Cost Estimating Basic Training: Inflation</i> (CEB04) Blaze Smallwood, Brian Flynn | <i>Cost Estimating Advanced Training: Technical Baselines</i> (CEA02) Jason Dechoretz, Greg Hogan | |
| 2:00 - 2:45 pm Challenges in Estimating the Development Cost of Microcircuit Technology (MM-10) Christopher Price, Gurney Thompson | Risk vs. Uncertainty – What’s the Difference? (RU-04) Melvin Etheridge | Early Stage Cost Estimating for Radars and Sensors (AC-04) Jeremy Goucher | Apples and Oranges: a Presentation and Analysis of Results of Cloud Cost Calculators and Rate Cards (SI-03) Daniel J. Harper | | | | | |

2:45 pm - 3:15 pm • Refreshment Break • Grand Ballroom 1&2

| Papers Tracks | | | | | Training Tracks | | | |
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| <i>Methods & Models</i> | <i>Risk & Uncertainty</i> | <i>Business Case Analysis</i> | <i>Software & IT</i> | | | | | |
| 3:15 - 4:00 pm Estimating the Costs of Future Air-to-Ground Weapons (MM-11) Tom Sanders | A 'Common Risk Factor' Method to Estimate Correlations Between Distributions (RU-05) Marc Greenberg | Training Cost Analysts, a Cohesive Pedagogical Framework for Success (BC-06) Kammy Mann Danielle Lainez | The Cost of Cyber (SI-05) Ann Hawpe, Jeffrey Voth | <i>Integration Training: GAO Schedule Assessment Guide</i> (INT14) Karen Richey, Jennifer Leotta | <i>Parametric Training: Non-Linear Regression</i> (PAR04) Brian Flynn, Adam James | <i>Cost Estimating Basic Training: Data Analysis</i> (CEB05) Cassie Capots, Lavanya Yeleswarapu | <i>Cost Estimating Advanced Training: Cost and Software Data Reports</i> (CEA04) James Parnham, Marc Stephenson | |
| 4:15 - 5:00 pm The Space Situational Awareness (SSA) Cost Model (MM-12) James Smirnoff, Brennen Woodruff | How Regression Methods Impact Uncertainty Results (RU-06) Boyan Jonov, Shu-Ping Hu, Alfred Smith | Analyses of Alternatives for Space Systems (BC-07) R. Alex Wekluk | Maturing the Economic Aspects of Agile Development in the Federal Government (SI-06) Jennifer Manring | | | | | |

5:00 - 7:00 pm • Attendee Reception • Exhibit Hall • Grand Ballroom 3 and Foyer

Thursday, June 9, 2016

7:00 - 8:00 am • Breakfast Buffet Available • Grand Ballroom 1&2

8:00 - 9:00 am • General Session: Naval Postgraduate School Advanced Programs in Cost Estimating and Analysis • Grand Ballroom 1&2

| | | Papers Tracks | | | | Training Tracks | | | |
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| | | Buckhead 1 | Buckhead 2 | Cascade | Azalea | Ivy 1&2 | Highland 1&2 | Highland 3 | Highland 4&5 |
| | | <i>Parametrics</i> | <i>Management, EVM & Scheduling</i> | <i>Acquisition</i> | <i>Software & IT</i> | | | | |
| 9:15 - 10:00 am | <p>Including Escalation in Cost Estimating Relationships (PA-07) Christopher Jarvis</p> | <p>Preventing Program Management Pitfall Using Portfolio Estimating (MS-07) Nick Morales</p> | <p>The ABCs of the UCF: A look at Section L and Section M (AC-05) Jennifer Leotta</p> | <p>Cloud Solutions - Infrastructure, Platform or Software - Where Should You Go? (SI-09) Arlene F. Minkiewicz, Ashley Hoenigke</p> | <p><i>Cost Estimating Basic Training:</i> EVM Basic (CEB12) Joel Little, Derreck Ross</p> | <p><i>Parametric Training:</i> Complex Models - Company Developed (PAR07) Chris Price</p> | <p><i>Cost Estimating Basic Training:</i> Risk Analysis Basic (CEB07) Alex Wekluk, Christian Smart</p> | <p><i>Cost Estimating Advanced Training:</i> Monte Carlo Simulations (CEA06) Stacy Dean</p> | |
| 10:15 - 11:00 am | <p>AoAs the Right Way (PA-12) Amanda Wilson, David Macdonald, Mariam Uzunyan</p> | <p>Liars! Why Cost Estimators and Budgeters Inflate and Underestimate Costs! (MS-11) Travis Winstead, Ann Hawpe</p> | <p>A Weapons Acquisition Case Study: Cost Overruns and Schedule Slips (AC-07) David L. Peeler, Jr. Randy Bowen</p> | <p>SURF Process Summary & Initial Findings: A Deeper Focus on Software Data Quality (SI-08) Nicholas Lanham Corinne Wallshein Ranae P. Woods</p> | | | | | |

11:15 am - 12:00 pm • Best Paper Presentation • Grand Ballroom 1&2

12:00 pm - 1:15 pm • Lunch • Grand Ballroom 1&2

Thursday, June 9, 2016

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| | Papers Tracks | | | | Training Tracks | | | |
| | Buckhead 1 | Buckhead 2 | Cascade | Azalea | Ivy 1&2 | Highland 1&2 | Highland 3 | Highland 4&5 |
| | <i>Parametrics</i> | <i>Management, EVM & Scheduling</i> | <i>Business Case Analysis</i> | <i>Software & IT</i> | | | | |
| 1:15 - 2:00 pm | Integrating Cost Estimating and Data Science Methods in R (PA-11) Josh Wilson, Laura Barker | The Performance Metrics Model and Study (PMMS) (MS-09) Derreck Ross, Haitham Ghannam Richard C. Lee | 3D Printing in the DoD; Employing a Business Case Analysis (BC-05) Nicole Santos, Richard Shea, Robert Appleton | Using Predictive Analytics for Cost Optimization Across Cloud Workloads (SI-07) Zachary Jasnoff, David A. Cass | <i>Cost Estimating Basic Training: Learning Curve Analysis</i> (CEB06) Peter Braxton, Remie Arnold | <i>Parametric Training: Complex Models - Hardware</i> (PAR08) David Bloom, Greg Kiviat | <i>Cost Estimating Basic Training: Economic Analysis Basic</i> (CEB10) Kammy Mann | <i>Cost Estimating Advanced Training: Risk Analysis Advanced</i> (CEA05) Greg Hogan, Amanda Wilson |
| 2:15 - 3:00 pm | Dangers of Parametrics (PA-08) Andy Prince | Fiscal Sustainability of Canada's National Defence Program (MS-10) Peter Weltman | <i>Methods & Models</i> Crew and Space Transportation Systems Cost Model (CASTS) (MM-13) Richard Webb | <i>Risk & Uncertainty</i> The Zone System of Uncertainty Analysis (RU-08) Jeff McDowell | | | | |
| 3:00 pm - 3:30 pm • Refreshment Break in Exhibit Hall | | | | | | | | |
| 3:30 - 4:15 pm | Cost Estimating Relationship Handbook (PA-13) John S. Fitch, Adam James, Alf Smith | Cost Consistency and Completeness as an Impossible Exercise (MS-08) David L. Peeler, Jr. | | | <i>Integration Training: Cost Management</i> (INT06) Tom Dauber | <i>Parametric Training: CER Risk and S-Curves</i> (PAR06) Marc Greenberg, Christian Smart | <i>Cost Estimating Basic Training: Probability and Statistics Basic</i> (CEB08) Tim Anderson, Stacy Dean | <i>Integration Training: Target Costing and Trades</i> (INT09) John Deem |
| 4:30 - 5:15 pm | Development of an Additive Manufacturing Cost Model (PA-09) F. Gurney Thompson, Grady Noll | Provide Agile Analysis to Stakeholders Using Category Tagging Approach (MS-05) Eric Hong | | | | | | |
| Free Evening | | | | | | | | |

Friday, June 10, 2016

8:00 - 9:00 am • Breakfast Buffet Available • Grand Ballroom 1&2

8:45 - 9:00 am • Training day review, Q&A • Grand Ballroom 1&2

| | Ivy 1&2 | Highland 1&2 | Highland 3 | Highland 4&5 |
|-----------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 9:00 - 10:30 am | <i>Integration Training</i> Integrated Baseline Review (INT13) Joel Little | <i>Integration Training</i> Solution Based Cost Estimation for Software (INT15) Eric van der Vliet | <i>Cost Estimating Basic Training</i> Software Cost Estimating (CEB09) Arlene Minkiewicz, Blaze Smallwood | <i>Cost Estimating Advanced Training</i> Economic Analysis Advanced (CEA11) Marc Greenberg |

10:30 - 11:00 am • Break • Highland Foyer

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|--------------------|-----------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 11:00 am- 12:30 pm | <i>Integration Training:</i> Contracts Risk (INT05) Peter Braxton | | <i>Cost Estimating Basic Training</i> Contract Pricing (CEB11) Derreck Ross, Sriram Krishnan | <i>Cost Estimating Advanced Training</i> Probability Distributions for Risk (CEA07) Christian Smart, Alex Wekluk |
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Workshop Ends at 12:30 pm

See you next year!
 Portland Marriott Downtown Waterfront • Portland, Oregon
 June 6-9, 2017