2023 ICEAA Professional Development Training Workshop

Tuesday, May 16				
7:00 - 8:00 am • Breakfast Buffet Availble • Regency Ballroom				
8:00 - 8:30 am • Best Paper Awards Presentation • Regency Ballroom				
8:30 - 9:30 am • Keynote Speaker: • Regency Ballroom				
Rio Grande East	*Live Oak*	*Rio Grande West*	*Rio Grande Center*	*Pecan*
9:45 - 10:30 — Design to Cost: What it is and Why You Should Care (AM01) Karen Mourikas The Boeing Company	Interesting Results from EVAMOSC or "Wow There is a Lot of O&S Data" (IT01) Daniel Germony OSD-CAPE	Budget Execution and Margin Simulation (BEAMS) (MC01) Erik Burgess Burgess Consulting, Inc.	Hilbert's Problems III: The Post-Pandemic Cost Community (TT01) Peter Braxton Technomics, Inc.	PCEA/CCEA Exam Overview Kevin Cincotta, Jennifer Kirchhoffer
10:30 - 11:00 am • Break • Exhibit Hall • Regency Ballroom				
11:00 - 11:45 — Accuracy, Precision and Uncertainty in Cost Estimates (AM02) Timothy P. Anderson The Aerospace Corporation	Addressing CI/CD with Automated Testing in Your Software Estimate (IT04) Arlene F. Minkiewicz Unison Cost Engineering	Foundational Cost Models (MC02) Paul Broaddus Franklin Jr. U.S. Navy	Modeling Battery Manufacturing Complexity (TT04) Sara McNeal Unison	CEBoK-S Training Lesson 1: Intro to SW Cost Estimating Bob Hunt
11:45 am - 12:45 pm • Lunch • Regency Ballroom				
12:45 - 1:30 — Innovative Risk-Driven Contract Pricing Strategy (AM03) Brian Flynn Technomics	Cloud-Based Machine Learning in the DoD Environment (IT03) Conner Lawston Summit2Sea Consulting	CSI EU (Cost Scene Investigation – European Union) (MC03) Doug Howarth Hypernomics, Inc.	Standardising and Governing Cost Estimation and More in the Australian Defence (TT03) Kimberley Rowlands	CEBoK-S Training Lesson 2: Software Paradigms Eric Van der Vliet
1:45 - 2:30 — One Number to Correlate Them All - Efficient Implementation of Correlation (AM04) Anh (Anne) Harris Galorath	Applying Simple Function Point Analysis to an 804 Rapid Acquisition Program Cost (IT02) Bob Hunt NSI	Trouble With the Curve: Engineering Changes and Manufacturing Learning Curves (MC04) Brent M. Johnstone Lockheed Martin	Placing a Value on Employee Well-Being (TT02) Kevin Buck The MITRE Corporation	CEBoK-S Training Lesson 3: The 5 Step Estimating Process Jennifer Kirchhoffer
2:30 - 3:00 pm • Break • Exhibit Hall • Regency Ballroom				
3:00 - 3:45 — Incorporating Risk into Analysis of Alternatives Results: A Novel Methodology (AM05) Brittany Clayton RAND Corporation	Shining Rays of Light & Savings on Cloud Portfolios: An Important Advance! (IT06) Kenneth Rhodes Technomics	Developing a Schedule Model From a Cost Modeler's Perspective (MC05) Benjamin Kwok Tecolote Research	Sustainment Contracts Cost Growth Analysis (TT06) Candice Schultheis AFCAA	CEBoK-S Training Lesson X: Software Size Carol Dekkers
4:00 - 4:45 — Using Bayes' Theorem to Develop CERs – Extending the Gaussian Model (AM06) David Jo Galorath	Comparing the Cost of Cloud Services: AWS vs Azure (IT05) Gunnar Nichols Quantech Services, Inc.	All in the Hierarchy: Meta-Estimators to Standardize Work Breakdown Structures (MC06) Maura Anne Lapoff Technomics, Inc.	Cost Engineering a MVDC Power & Energy Design for Navy Surface Combatants (TT07) Richard Shea Herren Associates	
4:45 - 7:00 pm • Welcome Reception • Exhibit Hall • Regency Ballroom				

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2023 ICEAA Professional Development Training Workshop

Wednesday, May 17

	7:00 - 8:00 am • Breakfast Buffet Available • Regency Ballroom					

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8:00 - 8:45 am • Association Awards • Regency Ballroom

8:45 - 9:45 am • Keynote Speaker: • Regency Ballroom

9:45 - 10:15 am • Break

	Rio Grande East	*Live Oak*	*Rio Grande West*	*Rio Grande Center*	*Pecan*	*Frio*
10:15 - 11:00	Follow the Money in Government Estimates (DS01) Geoffrey P. Boals Government	NLP: A New Approach to SFP Estimation (SA01) David H. Brown Technomics	Shortfall Analysis – Creative Approaches to Problem Quantification (PB01) George Bayer Cobec Consulting	Ticking Time Bomb of Telework: Communication and Time Management (TI01) Jennifer Aguirre Quantech Services, Inc.	CEBoK-S Training Lesson 6: Estimating Procured Solutions Arlene Minkiewicz	Cost Challenge Presentation: Team Hunatek
11:15 - 12:00	Level up your Cost Analysis with Data Science (DS03) Sarah Green AFCAA	The Symbiotic Nature of Requirements Quality and Software Cost Estimation (SA02) Colin Hammond ScopeMaster Ltd	You've Invested, Now Sustain it: Insights into the Sustainment Review Process (PB02) Alex Bonich Technomics	Data Science's Expanding Role in Cost Analysis (TI03) Kevin McKeel Logapps		Cost Challenge Presentation: Team Augur
	12:00 - 1:15 pm • Lunch • Regency Ballroom					
1:15 - 2:00	"Cracking the Code" : Demystifying Programming Languages for Data Analytics (DS02) Kyle Ferris Tecolote Research, Inc.	A Novel Approach for Early Phase Agile Software Estimating and Sizing (SA03) Wilson Rosa Department of Homeland Security	Educating Future Cost Engineers in the Space Station Design Workshop (SSDW) (PB03) Fabian Eilingsfeld Unison Cost Engineering	Software Maintenance and Software Obsolescence: A Tale of Two Cost Drivers (TI06) Sanathanan Rajagopal Sirius Analysis	CEBoK-S Training Lesson 4: Estimating Custom SW Development Kevin Cincotta, David H. Brown	
2:15 - 3:00	Web Applications for Cost Analysis Use: R Shiny vs Python Plotly Dash (DS04) Eric J. Hagee Tecolote Research, Inc.	Scheduling Agile-Fall - Best Practices (SA04) Sam Kitchin Augur Consulting	NATO Transformation Command: Launching a Cost Estimating Capability (PB06) Candace Mahala SPA Inc.			Cost Challenge Presentation: Team Technomics
	3:00 pm - 3:30 pm • Refreshment Break • Exhibit Hall • Regency Ballroom					
3:30 - 4:15	Automating the Data Preparation Process using R Programming (DS08) Zachary West Booz Allen Hamilton	Tales from the Trenches – Challenges of Data Analytics in a DevSecOps Program (SA05) Alex Smith Quantech	Interviewing Subject Matter Experts (PB05) Melissa Stone United States Air Force	Software Estimation Using Functional Size Derived From User Stories (TI04) Karen McRitchie Galorath Incorporated	CEBoK-S Training Lesson Y: Productivity Kevin Cincotta, David H. Brown	Cost Challenge Presentation: Team NAVAIR/NSI/SPA
4:30 - 5:15		How Efficient are Your Efficiency Levers? (SA07) Eric van der Vliet CGI	From Software CONOPS to ROM Estimate in Six Easy Steps (PB04) Carol Dekkers Quality Plus Technologies, Inc.	Wouldn't It Be Nice to Use All of Your Data Points: An Introduction to NICE (TI07) Steven Read Tecolote Research, Inc.		Cost Challenge Presentation: Team Quantech
	5:15 pm - 7:00 pm • Networking Reception • Exhibit Hall • Regency Ballroom					

Thursday, May 18

7:00 - 8:00 am • Breakfast Buffet Availble • Regency Ballroom					
8:00 - 9:00 am • Keynote Speaker: • Regency Ballroom					
	Rio Grande East	*Live Oak*	*Rio Grande West*	*Rio Grande Center*	*Pecan*
9:15 - 10:00	The Space Between Us: A Novel Collaborative Spacecraft Estimating Framework (AM08) Alex Wekluk Technomics, Inc.	VEGA: Shining Light on the Battles of Data Collection and Management (TI08) Abby Schendt Technomics	The Cost of Bureaucracy (MC07) Zachary Matheson National Nuclear Security Administration	Managing Schedule Risk Expectations During Program Execution (PB07) Patrick Malone Systems Planning and Analysis, Inc.	CEBoK-S Training Lesson 5: Software Sustainment Carol Dekkers
10:15 - 11:00	Measuring Schedule Uncertainty (AM09) Tommie (Troy) Miller Tecolote Research, Inc.	The Economics of Rocket Reusability (TT08) Ryan Timm Timm Analytics	Cost Estimating: The Estimator's Guide to a Parametric Universe (MC10) Taryn Anne Reilly L3Harris Technologies	Take the Blue Pill! (PB08) Javier Provencio Lockheed Martin	
11:15 am - 12:15 pm • Best Paper Overall: General Session • Regency Ballroom					
12:15 pm - 1:15 pm • Lunch • Regency Ballroom					
1:15 - 2:00	Spread Thin: Managing Coefficient of Variation in Monte-Carlo Based Cost Models (AM10) Stephen Koellner Augur Consulting	Using Machine Learning to Improve Cost Data Normalization (DS06) Bryan Mariscal Tecolote Research, Inc.	Unprecedented – Accurate Estimating in the Hypersonics Era (MC08) Eric Sick Galorath Federal	Accidental Proof of Calculus for Cost Analysts (PB09) Jack Snyder Air Force Research Laboratory	CEBoK-S Training Lesson Z: Commercial Estimating Models Karen McRitchie
2:15 - 3:00	Alternative Risk Measures for Determining Program Reserves (AM07) Louis Fussell NASA Johnson Space Center		Systems Engineering Cost Estimation Aligned with MIL-STD-881F (MC09) F. Gurney Thompson III Unison	Methodology for Assessing Reasonableness of Large Scientific Facilities' Costs (PB10) Raymond Woods The Aerospace Corporation	
3:15 - 4:.30 pm • Closing General Session with Panel Discussion • Regency Ballroom					
Workshop Ends 4:30					

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