

2024 ICEAA Professional Development Training Workshop

Tuesday, May 14						
7:00 - 8:00 am • Breakfast Buffet Available • Depot Pavilion						
8:00 - 8:30 am • Best Paper Awards Presentation • Depot Pavilion						
8:30 - 9:30 am • Panel Discussion • Depot Pavilion						
	<i>Great Northern</i>	<i>Southern Pacific</i>	<i>Zephyr</i>	<i>Great Hall</i>	<i>Hiawatha</i>	<i>Charles Frost</i>
	Data Science & ML	Analytical Methods	Software	Modeling	Processes & Best Practices	CEBoK Training
9:45 - 10:30	Explosive Analysis: Using Data to Hold Warfare Centers Accountable (DML01) Ryan Webster Augur Consulting	Data-Driven Lifecycle Analysis to Optimize Cost, Risk, and Sustainability (ANM01) George Bayer Cobec Consulting	Why Care About CEBoK-S if we Don't Build Software? (SWR11) Carol Dekkers Quality Plus Technologies	Cascading Effects - Performance Impacts of Fragile Tasks (MOD01) Tommie (Troy) Miller Tecolote Research Inc	A Series of Unfortunate Slides (PBP05) Shannon Cardoza Quantech Services Inc.	PCEA/CCEA Exam Overview (Kevin Cincotta & Jen Kirchhoffer)
10:30 - 11:00 am • Break • Exhibit Hall • Depot Pavilion						
11:00 - 11:45	Maximizing Analysis of Minimalized Datasets (DML02) Taylor Fountain Augur Consulting	Things Forgotten Since College - Foundational Statistics (ANM03) Jordan Harlacher Quantech Services, Inc.	Risky Business: Navigating the World of Software Productivity (SWR09) Dave Brown Technomics	Data-Driven Constellation Architecture Design Using Integrated Models (MOD02) W. Allen Wautlet Ball Aerospace	Mission Class in Unmanned Space Estimating (PBP02) John Swaren Unison Cost Engineering	Modules 1-3: Basics & Techniques Bill Barfield
11:45 am - 12:45 pm • Lunch • Depot Pavilion						
12:45 - 1:30	Labor Mapping in Parametric Estimates (DML03) David Ferland L3Harris	Triage the Sub-Projects: Calculating and Applying Portfolio Contingency (ANM02) Stephen Koellner Augur Consulting	Unlocking Untapped Software Metrics Potential with Jira's RESTful API (SWR08) Blaze Smallwood Booz Allen Hamilton	Mission Operations Cost Estimation Tool (MOCET) 2024 Status (MOD03) Marc Hayhurst The Aerospace Corporation	GAO Agile Assessment Guide: Best Practices in an Agile Environment (PBP04) Jennifer Leotta GAO	Module 4: Data Collection & Normalization Kat Lemmons & Markie Harris
1:45 - 2:30	Data Cleaning in Python for Beginners (DML04) Alexis Somers Booz Allen Hamilton	Stretching Purchasing Power through Improved Escalation Methods (ANM04) Amanda Schwark Technomics, Inc.	Cloud Estimating in the 21st Century – Okay, well in 2023! (SWR02) Chris Price Unison Cost Engineering	A CASE for Estimate Analytics at the Enterprise Level (MOD04) Josh Angeo Tecolote Research, Inc.	A Look Back: Ten Years of Cost Estimate Audits (PBP03) Ben Wilder GAO	Modules 6 & 10: Analysis, Probability, & Statistics Kim Roye
2:30 - 3:00 pm • Break • Exhibit Hall • Depot Pavilion						
3:00 - 3:45	Going Beyond Count-Based Methodologies with Semantic Vector Embeddings (DML05) Trevor Lax L3Harris	Spacecraft Design to a Cost Target: From CAIV to Cosmos (ANM05) Ryan Sukley Technomics, Inc.	Simplified Software Estimation (SiSE) – Updated on Advancements and Trends (SWR03) Curtis Chase Galarath Inc.	Recipe: Homemade Pizza (or Facility Estimate) (MOD06) Kristen Marquette Quantech Services	The ABC's of Contract Proposal Pricing Evaluation & Cost Analysis (PBP06) Christopher Svehlak Hive Group	Module 8: Regression Analysis Kevin Cincotta & Dave Brown
4:00 - 4:45	AI and Machine Learning/Data Science Tools for Cost Analysis (DML07) Daniel Harper Tetelestai Consulting	Women in Estimating Meetup	Generative AI For Government (DML14) Conner Lawston cBEYONData	Modeling Electronic/IT System Deployment Projects (MOD05) F. Gurney Thompson III Unison Cost Engineering	The Complex Database Design Tool Belt (PBP07) Jamie Bouwens L3HARRIS	
4:45 - 7:00 pm • Welcome Reception • Exhibit Hall • Depot Pavilion						

As of April 22, 2024

Subject to change

2024 ICEAA Professional Development Training Workshop

Wednesday, May 15					
7:00 - 8:00 am • Breakfast Buffet Available • Depot Pavilion					
8:00 - 8:45 am • Association Awards • Depot Pavilion					
8:45 - 9:45 am • Keynote Speaker: • Depot Pavilion					
9:45 - 10:15 am • Break					
	<i>Great Northern</i>	<i>Southern Pacific</i>	<i>Zephyr</i>	<i>Great Hall</i>	<i>Charles Frost</i>
	Data Science & ML	Soft Skills & Trending Topics	Management, EVM & Risk	Strategy	CEBoK Training
10:15 - 11:00	Estimating in Different Levels of Details by Machine Learning (DML09) Barış Özkaya Turkish Aerospace	Mind the Gap: Bridging the Generational Divide (SST06) Jennifer Aguirre Quantech Services, Inc.	The Cost-Risk Uncertainty Determination (CRED) Model – A New Approach (MER01) Cheryl L. Jones US Army DEVCOM AC	From "Plan and Pray" to "Sense and Respond": War Gaming Defense Acquisition (STY01) Alex Wekluk Technomics, Inc.	Design to Cost Module Dan Kennedy
11:15 - 12:00	From a Man-Month to an AI-Minute, Myth or Reality? (DML10) Colin Hammond ScopeMaster Ltd	Priceless Culture: Crafting a Culture for the Future of Work (SST03) Cassidy Shevlin Galorath Incorporated	Schedule Risk at Early Acquisition (MER02) Gabriella Magasic Augur Consulting	FP&A: Can We Disrupt Traditional Government Cost Estimating? (STY02) Christopher Metz PEO DHMS	Module 7: Learning Curves Troy Miller
12:00 - 1:15 pm • Lunch • Depot Pavilion					
1:15 - 2:00	Implications of Generative AI (Artificial Intelligence) in Software Engineering (DML11) Arlene F. Minkiewicz Unison Cost Engineering	Advancing the Art of Cyber Cost Estimating (SST05) Austin MacDougall Technomics, Inc.	Advanced EVM Analysis using Time Series Forecasts (MER06) Anna B. Peters Johns Hopkins University Applied Physics Lab	Parametric Construction Estimating: Consistency through Turbulence (STY05) Cortney Collins Grant Leading Technology	Module 12: Software Cost Estimating Using CEBoK-S Carol Dekkers
2:15 - 3:00	Automation and Process Improvement in Cost Estimating (DML06) Anil Divvela Booz Allen Hamilton	Convincing Leaders of the Value of COTS Tools for Quick Assessments (SST02) Karen Mourikas Boeing	EVM Reviews – Surveillance Reviews vs. IBRs (MER05) Sam Kitchin Augur Consulting	Portfolio Analysis Made Effective and Simple (STY03) Brandon Schwark Technomics, Inc	
3:00 pm - 3:30 pm • Refreshment Break • Exhibit Hall • Depot Pavilion					
3:30 - 4:15	Distribution Free Uncertainty for CERs (DML12) William King SPA	ChatGPT: Friend or Foe - Meet Your New EN SME (SST07) Patrick Casey Quantech Services Inc.	Advancing EVM with a Modernized Framework (MER04) Aaron Everly Technomics, Inc.	Leveraging Cost Estimating Techniques in Price to Win Analysis (STY06) Darren Kreitler	Module 9: Risk Analysis Mel Etheridge
4:30 - 5:15	Industry Leaders' Insights: Enhance Efficiency and Simplify Your Work Using AI (DML13) Karen Richey Mislick Naval Postgraduate School	Economics of Digital Twins in Aerospace and Defense (SST08) Patrick K. Malone System Planning and Analysis	Cost Estimation for Project Control (MER03) Ed Spriggs Logapps LLC	Installation Cost Analysis (MOD12) Eric White Booz Allen Hamilton	Module 5: Inflation Peter Braxton & Bob Hunt
5:15 pm - 7:00 pm • Networking Reception • Exhibit Hall • Depot Pavilion					

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2024 ICEAA Professional Development Training Workshop

Thursday, May 16					
7:00 - 8:00 am • Breakfast Buffet Available • Depot Pavilion					
8:00 - 9:00 am • Best Paper Overall Presentation • Depot Pavilion					
	<i>Southern Pacific</i>	<i>Zephyr</i>	<i>Great Hall</i>	<i>Hiawatha</i>	<i>Charles Frost</i>
	Processes & Best Practices	Software	Analytical Methods	Modeling	CEBoK Training
9:15 - 10:00	Scrutinizing an Organization's Project Planning Performance (PBP01) Sergey Kozin Quantech Services, Inc.	Sizing Agile Software Development Programs (SWR10) Bob Hunt NSI	Early-Stage Cost Growth CER Development (ANM06) Gabriel Sandler DOE/NNSA	Well, That Escalated Quickly – A Novel Approach to Forecasting Escalation (MOD07) Sean Wells Technomics	Module 11: Manufacturing Pat Malone
10:15 - 11:00	Space Fence: A Cost Analysis Success Story (PBP09) Rick Garcia Systems Planning and Analysis, Inc (SPA)	A Software Sizing Toolkit – Choosing the Right Approach(es) for Your P (SWR07) Carol Dekkers Quality Plus Technologies, Inc.	Market Dimensional Expansion, Collapse, Costs, and Viability (ANM07) Douglas K. Howarth Hypernomics, Inc.	Comparative Analysis of NASA Cost Estimation Tools (MOD08) Camille Holly Technomics, Inc.	Module 13: Economic Analysis Kellie Benefiel
11:15 - 12:00	Context-Responsive Cost Evaluation: Dynamic Approach to Cost Estimate Reviews (PBP08) Brittany Holmes Missile Defense Agency	How to Choose a Database Storage Model (SWR05) Tristan Judd L3HARRIS	Comparison of UMP in the Great Recession and the Covid-19 Recession (ANM08) Nathan Gallacher Sirius Analysis	Flavors of Commonality: Learning in a Multiple Variant Environment (MOD11) Brent M. Johnstone Lockheed Martin	Module 14: Contract Pricing Chris Svelak
12:00 pm - 1:15 pm • Lunch • Depot Pavilion					
1:15 - 2:00	Costing Web App Development for Operations Research (DML08) Kyle Ferris Tecalote Research, Inc.	Agile Software Development Cost Estimating (SWR04) Jim Golden UNISON	Equity and Environmental Justice in Early-Stage NNSA Planning (SST04) Haley Harrison NNSA	The Nuclear Option: Avoiding Critical Delays with Advanced Constraints Analysis (MOD09) Hannah Hoag Lee Technomics, Inc.	Modules 15 & 16: Cost Management and EVM James Freeman & Justin Knowles
2:15 - 3:00	Deriving Total Project Costs from WBS Elements' Probability Distributions (MER07) Dr. Rainald Kasprk Heilbronn University of Applied Sciences	Measuring Software Development Efficiency in an Agile Environment (SWR06) Benjamin Truskin Technomics	Cost Challenge Winner	Costing a Ballistic Schedule (MOD10) Rob Carlos USAF Nuclear Weapon Center	
3:15 - 4:30 pm • Closing General Session with Keynote Speaker • Depot Pavilion					
Workshop Ends 4:30					

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