

2024 NASA Cost and Schedule Symposium

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Unique ID	TIME	Title	Author/Presenter (s)	Org	Time (mins)
	8:00 - 9:00	Doors open, Registration, Informal Meet and Greet	SID	NASA HQ	60
15	9:00 - 9:15	LaRC VIP Opening Remarks	Lisa Ziehmman	LaRC	15
63	9:15 - 9:45	Opening Remarks CADRe, ONCE, CAP and much more!	James Johnson, Eric Plumer, Charles Hunt	HQ	30
1	9:45 - 10:15	Venture = a risky or daring journey or undertaking. Is NASA's Earth Venture Class of missions taking a risky journey to create low-cost missions focused on innovative research.	Justin Hornback, Mark Jacobs, Shawn Hayes	LaRC, Contractor Support	30
33	10:15 - 10:45	Using Schedule Metrics to Provide Insight into Project Performance	Tanyé M. Coleman, Angela M. Vu, Kimberlee Sakai Alvarez	HQ / Aerospace	30
500	10:45 - 11:00	BREAK	All	All	15
13	11:00 - 11:30	Lessons learned from NASA Goddard Space Flight Center's Product Development Lead Training Schedule and Cost Development Workshop: Continuous Improvement	Geraldine Robbins, JW McKeever, Lindsay MacLeod, Rebecca Derro, Phyllis Hestnes, James Marsh	GSFC	30
61	11:30 - 12:00	NASA OIG Cost and Schedule Analytics	Michele Schaeffer, Tahir Hafeez, Gerardo Saucedo, John Schultz, Tyler Martin & Jiang Yun Lu	HQ	30
44	12:00 - 12:30	Gateway Key Decision Point (KDP) 1 – Navigating the Programmatic aspects of the first Tightly Coupled Program and first Joint Confidence Level (JCL) Analysis on a Program utilizing Firm Fixed Price Contracts	Ethan Miller	JSC	30
501	12:30 - 13:30	LUNCH BREAK	All	All	60
57	13:30 - 14:00	Advancing Cost Estimation in Space Exploration: The Canadian Space Agency's Strategic Approach	Mireille Bedirian	Canadian Space Agency	30
45	14:00 - 14:45	Large Space Hardware System Development Under Firm-Fixed Price Contracts	Madison McCall, Nicole Ames, Will Hopkins, Ashley Varma, Mike Stelly, Steve Wilson	JSC	45
60	14:45 - 15:45	Boldly Going Where No SRA Has Gone Before: Automating and Assimilating Schedule Risk Analysis	Jessica Clarke, Eric Zander	HQ / BAH	60
500	15:45 - 16:00	BREAK	All	All	15
16	16:00 - 16:30	Standardization of JCL Value Selection	Louis Fussell	JSC	30
7	16:30 - 17:00	EVM Year in Review	Jon Fleming, Kristen Kehrer	HQ	30
54	17:00 - 17:45	Supply Chain Risk Management 2 Case Studies – European Space Agency	Ola Oluyinka, Clare Sant	Moody's	45

Tuesday - Building 2102, Reid Room

2024 NASA Cost and Schedule Symposium

Wed - Track 1
Building 2102, Reid 1

Unique ID	TIME	Title	Author/Presenter (s)	Org	Time (mins)
35	8:00 - 8:30	Comparative Analysis of NASA Cost Estimation Methodologies	Camille Holly	GSFC / Technomics	30
56	8:30 - 9:00	The use of Multidimensional Vector for Space Missions Cost Estimations	Ziad Ali	Canadian Space Agency	30
36	9:00 - 9:30	Augmented Intelligence for Cost Estimation	Eric Sick, Matt McDonald	Galorath	30
500	9:30 - 9:45	BREAK	All	All	15
19	9:45 - 10:15	Performing Independent Government Cost Estimates (IGCEs) on Engineering Change Proposals	Jonathan Drexler, Glenn Research Center, Chris Blake, Cassie Chang, Natalie Weckesser, Suzanne Quintile, Dionne Hernandez	GRC	30
38	10:15 - 10:45	Considerations to Make Greening the Workforce a Success	Tara Dulaney, Lisa Sych, and The Ken Parkinson	LaRC / ARSC	30
29	10:45 - 11:15	Aerospace Viewer of NASA Project Staffing Data (aView): A Practical Tool for Analyzing Staffing Levels and Cost Across Missions	Sarah Lang, Justin McNeill, Jr., Tommy Tran, Alexander Zarate Garcia, C. Jason Zhang	The Aerospace Corp	30
501	11:15 - 12:15	LUNCH BREAK	All	All	60
12	12:15 - 12:45	Mission Operations Cost Estimation Tool (MOCET) 2024 Status Update	Marc Hayhurst, Roshni Patel, Cindy Daniels, Lissa Jordin, Washito Sasamoto, Waldo Rodriguez	Aerospace / LaRC	30
65	12:45 - 13:15	Easy Phase E	Andy Prince	Self	30
25	13:15 - 13:45	NICM 10 Tool Demonstration and NICM 11 Preview	Joe Mrozinski, Luther Beegle, Kyle Brown, Robert Cesarone, Michael DiNicola, Samuel Fleischer, Michael Fong, Melissa Hooke, Alfred Nash, Sherry Stukes, Marc Walch	JPL	30
31	13:45 - 14:15	ASCoT and COMPACT – Tools for Estimating Software Development Resources and CubeSat Mission Costs	Sherry Stukes, Michael DiNicola, Michael Saing, Joseph Mrozinski, Takuto Ishimatsu, Shannon Statham, Vicky Nilsen	JPL / HQ	30
500	14:15 - 14:30	BREAK	All	All	15
59	14:30 - 15:00	NASA PCEC v2.4	Shawn Hayes, Mark Jacobs	MSFC / SSA	30
26	15:00 - 15:30	Cost Analysis and Concept of Operations in CubeSat Missions: A Comprehensive Review	Ana Carolina Di Iorio Jeronymo, Lidia Hissae Shibuya Sato, Luis Eduardo Vergueiro Loures da Costa, Renan Guilherme Soares Menezes, Victoria de Souza Rodrigues	Instituto Tecnológico de Aeronáutica – ITA	30
37	15:30 - 16:00	Importance of Multivariable Consideration on Cost Estimates & Optimization	TBD	Galorath	30
68	16:00 - 16:30	Beyond Conventional Boundaries: AI and Predictive Analytics in Project Controls	Erin Wood	MSFC	30
48	16:30 - 17:00	Blind Validation Study of PRICE TruePlanning and SEER-H	Paul D. Friz, Jordan J. Klovstad, Benjamin B. Leser, Benjamin C. Towle	LaRC	30

The Awards Banquet: The banquet dinner will be held on April 24th at the Virginia Air and Space Science Center at 600 Settlers Landing Rd, Hampton, VA. Doors will open at 6:00 pm and dinner will be served soon after.

2024 NASA Cost and Schedule Symposium

Wed - Track 2
Building 2102, Reid 2

Unique ID	TIME	Title	Author/Presenter (s)	Org	Time (mins)
46	8:00 - 8:30	Lessons-learned, Tips and Tricks for Programmatic Analyses	Barney Roberts	Reed Integration	30
5	8:30 - 9:00	Evolution of Schedule Competency at Glenn Research Center	Paul McMasters, Danelle Fogle, Jacob Jevic, Kristen Bury	GRC	30
20	9:00 - 9:30	Understanding the Effects of Multiple Task Calendars on a Schedule's Critical Path	Michael Vallely	GRC	30
500	9:30 - 9:45	BREAK	All	All	15
17	9:45 - 10:15	The Monthly Schedule Analysis (Quick look Report)	William G. Paradis	GSFC/Lentech	30
24	10:15 - 10:45	How Schedule Maintenance Control Focus Improves Projects	Zachary Dolch	GSFC/Lentech	30
22	10:45 - 11:15	Exploring the use and benefits of implementing Delay Cause Code(s) (DCC) into the routine programmatic process,	Zachary Dolch, Jeff Slade, Zachary Walters	GSFC/Lentech	30
501	11:15 - 12:15	LUNCH BREAK	All	All	60
34	12:15 - 13:15	The Search for Speed	Jenny Lampe, Mike Prater, and Keith Robertson	AFCAA / Cobec	60
18	13:15 - 13:45	Test Facility Request System (TFRS 2.0) Implementation: Integrating Facilities Scheduling and Workforce Planning for all of Glenn Research Center Lewis Field's Aero and Space Testing Capabilities	Dennis Bowers, Alan Sikon, Joseph Panek, Michael Zernic	GRC	30
14	13:45 - 14:15	Understanding Driving Slack and Its Applications	Kenny Arnold	Structured Solutions Inc	30
500	14:15 - 14:30	BREAK	All	All	15
66	14:30 - 15:00	Challenges of EV in the NASA Environment: Alternative Approaches to the Application of QBDs in Detailed Design	Dewey E. Barlow, Andrew Soukup	APL	30
67	15:00 - 15:30	NASA Schedule Analysis Tool (NSAT) in Power BI: Benefits and Strategies	John C. Dotson, Hannah M. Mittan	KSC	30
27&28	15:30 - 16:15	NRO Schedule Execution Metrics & Schedule Execution Metrics	TBD	NRO	45

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Thursday Building 2102, Reid	Unique ID	TIME	Title	Author/Presenter (s)	Org	Time (mins)
	42	8:00 - 8:30	Spacecraft Design to a Cost Target	Ryan Sukley, Jordan Josties	GSFC / Technomics	30
	62	8:30 - 9:00	The Best of Both Worlds: Combining Parametric Cost Risk Analysis with Earned Value Management Using Bayesian Parameter Learning	Murray Cantor, Christian Smart	Cantor Consulting / JPL	30
	6	9:00 - 9:30	Faster, Better, But Maybe Not Cheaper: Class D and the PM/SE/MA Conundrum	Kathy Kha, Ben Clare, Jacob Eisig	APL	30
	500	9:30 - 9:45	BREAK	All	All	15
	9	9:45 - 10:15	Math is Instrumental: An Analysis of Multi-Decade Space Flight Science Instrument Cost Performance	Rachel Sholder, Eric Plumer, Joe Mrozinski	APL/HQ/JPL	30
	11	10:15 - 11:00	CCRS PP&C	Robert Montgomery, Joan Stahr, Daniel Battle, Zac Dolch, Zach Walters, Ellen Shea	GSFC	45
	23	11:00 - 11:30	APL and NASA HQ EVM Surveillance: Advantages of Joint Surveillance	Barbara Phillips, Andy Soukup	HQ / APL	30
	501	11:30 - 12:30	LUNCH BREAK	All	All	60
	53	12:30 - 13:00	Timing is Everything	Susan Bertsch	JSC	30
	2	13:00 - 13:30	Independent Cost Estimate Evolution: An Improvement to Goddard Independent Estimate at Completion (IEAC) Calculation and Reporting	Matthew W. Ritsko, Pietro Campanella	GSFC	30
	41	13:30 - 14:00	When EVM Doesn't Work	Chris Sadler, Briannah Smith	CPSS	30
	32	14:00 - 14:45	An NRO CAAG Survey	Brian Wells, Jan Sterbutzel, Erik Burgess	NRO / Burgess Consulting	45
	500	14:45 - 15:00	BREAK	All	All	15
	10	15:00 - 15:30	All in the Hierarchy: Meta-Estimators to Standardize Work Breakdown Structures	Zachary Matheson, Marua Lapoff, Patrick Shelton	NNSA/Technomics	30
	3	15:30 - 16:00	When do Costs Peak? Assessment of SMD Project Cost Curves.	Moon Kim	HQ	30