

NASA Cost Symposium

Day	Unique ID	TIME	Title	Location	Author/Presenter (s)	Org	Time (mins)	
Tuesday		7:00 - 8:00	Doors open, Registration, Informal Meet and Greet	JPL Von Karman Auditorium	CAD	HQ	60	
		8:00 - 8:30	Welcome Keynote Addresses	JPL VK	Charles Elachi - Director of the JPL Steve Proia - CFO of the JPL	JPL	30	
		8:30 - 9:00	JPL & HQ Opening Remarks	JPL VK	JPL / CAD	JPL / CAD	30	
	23	9:00 - 9:45	How NASA Estimates Software Cost Findings and Recommendations	JPL VK	J Hihn L Van Der Aar M Maldenaldo P Martinez G Tregre	JPL	45	
	29	9:45 - 10:15	GSFC's JCL Journey Refining an Integrated Modeling Process	JPL VK	S Shinn P Nair	GSFC	30	
	19	10:15 - 10:45	First NASA Implementation of JCL on a Human Spaceflight Program	JPL VK	V Kulpa B Carson	MSFC	30	
	50	10:45 - 11:00	BREAK				15	
	18	11:00 - 11:45	Successful Application of Integrated Cost Schedule Risk Analysis in Technology Demonstration Projects	JPL VK	G Bezos-OConnor A Rippe R Carpio	LaRC	45	
	16	11:45 - 12:15	Analysis Schedules Understanding the impact of using detailed summary schedules for analysis	JPL VK	J Hornback	Reed Integration	30	
	26	12:15 - 12:45	The Utility of Multiple Cost Estimates	JPL VK	L Wolfarth	APL	30	
	51	12:45 - 14:15	LUNCH BREAK	JPL VK (Indoor & Outdoor)	All	All	90	
	9	14:15 - 14:45	Crash the schedule without crashing the project Lessons learned on scheduling risk techniques	JPL VK	K Cyr J Taylor	IPAO	30	
	31	14:45 - 15:15	Modeling Uncertainties of Spacecraft Design Parameters for Cost Risk Analysis	JPL VK	M Elghefari	Wyle	30	
	33	15:15 - 15:45	Probabilistic Technology Investment Ranking System	JPL VK	P Frederic	Tecolote Research	30	
	50	15:45 - 16:00	BREAK	JPL VK			15	
	41	16:00 - 16:30	Acquisition Strategy Study	JPL VK	B Wells A Moeller	DNI / Aerospace	30	
	11	16:30 - 17:30	Technology Estimating A process to determine the cost and schedule of space technology research and development	JPL VK	K Cole J Reeves J Olds D Comstock	CAD	60	
		17:30 - 18:30	Evening Break				60	
		18:30 - 19:00	Reception	Lakeside, Burbank, CA	All	All	30	
		19:00 - 19:30	Evening Speaker	Lakeside, Burbank, CA	Steve Isakowitz	President, Virgin Galactic	30	
	19:30 - 20:30	Dinner	Lakeside, Burbank, CA	All	All	60		
	20:30 - 21:00	Awards	Lakeside, Burbank, CA	CAD	All	30		
Wednesday	7	9:00 - 9:30	The Strange Case of Dr. Cost and Mr. Schedule -- The Split Personality of the BOE	JPL Von Karman Auditorium	H Borchardt J Hornback M King K Moses R Smith J Taylor	IPAO, Reed Integration	30	
	39	9:30 - 10:00	NICM - E	JPL VK	H Habib-Agahi J Mrozinski	JPL	30	
	14	10:00 - 10:45	Joint Cost Schedule Risk and Uncertainty Handbook	JPL VK	D Thomas J Fitch A Smith J McDowell	Naval Center for Cost Analysis	45	
	50	10:45 - 11:00	BREAK				15	
	4	11:00 - 11:30	Deciphering JCL: How to use the JCL scatter plot and iso curves	JPL VK	E Druker	Booz Allen Hamilton	30	
	38	11:30 - 12:00	A Monograph on CER Slopes for Space Subsystems	JPL VK	J Hamaker	The Millennium Group	30	
	12	12:00 - 12:30	Phasing Estimating Relationships	JPL VK	C Hunt E Burgess C Krause D Elliott	Burgess Consulting	30	
	51	12:30 - 14:00	LUNCH BREAK	JPL VK (Indoor & Outdoor)	All	All	90	
	5	14:00 - 14:30	Generic Cost Profiles Based on Actual Costs in NASA CADRes	JPL VK	B Kellog M Hayhurst	Aerospace Corporation	30	
	1	14:30 - 15:00	GSDO Lessons Learned	JPL VK	H Kanner, J Biddix	KSC	30	
	8	15:00 - 15:30	Understanding Cost Growth During Operations of Planetary Mission An Examination	JPL VK	J McNeill E Chapman M Sklar	Aerospace Corporation	30	
	50	15:30 - 15:45	BREAK				15	
	28	15:45 - 16:15	Implications of the AO Reserve Policy	JPL VK	K McCoy	JPL	30	
	6	16:15 - 16:45	Maximizing the Utility of Your Tool Set for Project Support	JPL VK	B Sefcik	GRC	30	
	13	16:45 - 17:15	Probabilistic Mass Growth Uncertainties	JPL VK	E Plumer M Blocker A Rippe	Tecolote Research	30	
	3	17:15 - 17:45	Schedule Health Checks Panacea or Problem?	JPL VK	G Butts, W Dimmer	KSC	30	
	Thursday	34	9:00 - 9:30	Top Level Schedule Distribution Models	JPL Von Karman Auditorium	P Frederic	Tecolote Research	30
		10	9:30 - 10:00	Duration Uncertainty Based On Actual Performance: A Case Study	JPL VK	F Kuo K Cyr W Majoerowicz	IPAO	30
		21	10:00 - 10:30	NASA Space Systems Cost Growth	JPL VK	S Hill A Prince	MSFC	30
		50	10:30 - 10:45	BREAK				15
30		10:45 - 11:15	Probabilistic Schedule Allocation	JPL VK	P Nair C Hunt D Elliott M Blocker	GSFC	30	
17		11:15 - 11:45	GSDO Schedule Health Metrics	JPL VK	B Chamberlain D Elliott A Rippe	KSC	30	
35		11:45 - 12:15	Cost to Go Without Stable EVM Data	JPL VK	P Frederic R Larson	Tecolote Research	30	
51		12:15 - 13:45	LUNCH BREAK	JPL VK (Indoor & Outdoor)	All	All	90	
32		13:45 - 14:15	Affordability Best Practices from 34 NASA Projects Analysis of Phase E Costs by Type and Duration of Operation Activity	JPL VK	C Gant S Mccauley	MSFC	30	
27		14:15 - 14:45	Why Less is More Thoughts on Raising Cost Estimating Literacy in the NASA Resources Community	JPL VK	N Powers	APL	30	
24		14:45 - 15:15	Why Less is More Thoughts on Raising Cost Estimating Literacy in the NASA Resources Community	JPL VK	J Bryson P Nair	GSFC	30	
50		15:15 - 15:30	BREAK				15	
2		15:30 - 16:00	Modeling Operations Cost for Human Exploration Architectures	JPL VK	R Shishko	JPL	30	
15		16:00 - 16:30	Setting up the Independent Review Team at KSC	JPL VK	J Biddix S Wilkhu	KSC	30	
37		16:30 - 17:00	Small Sample Bias in KDP-B Range Estimates	JPL VK	W Jarvis	HQ	30	
36		17:00 - 17:30	Cost and Risk Estimating and Analysis in a Concurrent Engineering Environment	JPL VK	L Rosenberg J Hihn K Lum	JPL	30	