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85th International Conference on Mass Properties – May 17-22, 2026

List of Papers and Presentations

No.*	Title	Authors	Day / Time	Track
3837 pg. 1	**The Influence of Mass Properties on Key Performance Parameters in Space Technology Development**	Amanda Cutright – NASA Langley Research Center	Thu 10:45 AM	I
3838 pg. 11	**Career Development with SAWE**	Robert Zimmerman – SAWE and Lockheed Martin Corp (Retired)	Tue 1:45 PM	I
3839 pg. 13	**The Value of Hands-on Experience – Technical Forum Results**	Dirk Petersen – SAWE	Thu 10:15 AM	I
3840 pg. 22	**The Learjet 85: Historical Evolution, Critical Challenges and Lessons from a Misguided Program**	Darrin McCloud - M2 Consulting	Thu 1:45 PM	I
3841 pg. 69	**Recommended Practice (RP) Functional Sub-codes: Simplified Part Categories for Better Early Program Weight Estimation and Enabling AI Analysis**	Roman Aman - Lockheed Martin Corp	Tue 11:30 AM	I
3842 pg. 87	**Modernizing SumMassProps**	Robert Zimmerman – SAWE and Lockheed Martin Corp (Retired)	Thu 2:30 PM	I
3843 pg. 106	**Digital Exposure of Mass Properties Data**	Nick Thies - Northrop Grumman Corp	Thu 3:30 PM	I
3844 pg. 123	**Unintentional Lateral Imbalance Calculation Methodology for Freighter Aircrafts**	Alejandro Fiestras Corcho - Airbus	Tue 2:30 PM	I
3845 pg. 144	**The Earned Value Evolution of the Plan to Perform**	Patrick Brown - Northrop Grumman Corp	Tue 10:45 AM	I
3846 pg. 158	**Vendor Guarantee Weights in Product Development**	Douglas Fisher - Collins Aerospace	Tue 10:00 AM	I
3851 pg. 172	**Roll and Horizontal Axis Moment of Inertia (MOI) Measurements Using a Gravity Pendulum**	James Blair – Raptor Scientific	Tue 3:30 PM	I
3852 pg. 198	**SAWE Membership Committee Report**	Jason Booth – SAWE	Thu 4:00 PM	I
3854 pg. 204	**The Impact of Changing Test Weight Vertical Center of Gravity on a Shipboard Inclining Experiment**	Alan Bryden, Robert Dvorak - NAVSEA	Tue 4:15 PM	I
3855 pg. 216	**Double Shell and Sandwich Fuselages for Future Aircraft**	Hans-Peter Dahm – TGM Lightweight Solutions GmbH	Thu 11:30 AM	II
3856 pg. 246	**Weight Management of Ground Vehicles**	Hans-Peter Dahm – TGM Lightweight Solutions GmbH	Thu 10:45 AM	II
3857 pg. 284	**Mass Properties Musings**	w2õŜℕú [℗ ½ʎʏʏŜℕʏlʏ - SAWE	Thu 4:30 PM	I
3858 pg. 295	**Integrated Product Design for Mass Properties Control: Connecting Requirements, Architecture, Configuration, and Verification through the Digital Thread**	Vince Mendoza – Siemens DISW	Thu 11:30 AM	I

Stay tuned for updates as they become available!

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