

Third IAASS Conference

IAASS COPV PROGRAMME

Day 1 - Monday, 20 October 2008

08:30	Registration and Coffee <i>[Participants attending also the 3rd IAASS conference will be able to register for the conference]</i>
09:15	<u>Workshop Chairmen Introduction</u> ESA: G. Sinnema, S. Langlois NASA: N. Greene
09:30-11:00	Session 1
	Cryogenic Composites Over-wrapped Pressure Vessel and Composite Fuel Tank <i>DeLay, T.</i> <i>NASA (United States)</i>
	The Thermoplastic Liner: A Breakthrough in High Pressure Vessels <i>Benedic, F.; Leard J-Ph.; Briant, Ph.; Remy, G.</i> <i>Astrium Space Transportation (France)</i>
	Safe Use Consideration for Composites in Pressure and Structural Applications in Cryogenic and Ambient Environments <i>Greene, N.1; Saulsberry, R.1; Stevens, M.1; Klippel, C.1; Waller, J.1; Yoder, T1; Ray, D.2; Forth, S.2; Grimes-Ledesma, L.3; Thesken, J.4; Sutter, J.4; Murthy, P.4</i> <i>1NASA WSTF; 2NASA JSC; 3NASA JPL; 4NASA GRC (United States)</i>
	Alphabus Propellant Tank: Manufacturing, NDI and Damage Control <i>Radtke, W.; Scharringhausen, J.; Windisch, M.</i> <i>MT Aerospace AG (Germany)</i>
11:00	Coffee Break
11:15-12:45	Session 2
	ECSS standard "Structural Design and Verification of Pressurized Hardware" <i>Langlois, S.</i> <i>ESA/ESTEC (Netherlands)</i>
	Propulsion System High Pressure Gaseous Helium (GHe) Vessels at Cryogenic Temperatures <i>Ray, D.; Lusby, B.; Flores, S.; Romig, K.</i> <i>NASA JSC (United States)</i>
	New Standards w.r.t. High Pressure Vessels: What Impact for Industry and What Recovery Plan <i>Le Floc'h, C.; Fusade, L.; Remy, G.</i> <i>Astrium Space Transportation (France)</i>
12:45	Lunch Break
14:00-15:30	Session 3
	Tank Requirements for Constellation Programs <i>Forth, S.</i> <i>NASA (United States)</i>
	Advanced Stress-Corrosion Testing for Space Propulsion System Application (COPV, tanks, etc.) <i>Bussu, G.</i> <i>ESA/ESTEC (Netherlands)</i>
	The Leak Before Burst Behaviour: A Demonstration Provided by Test on a 701 Pressure Vessel <i>Leard J. Ph.; Benedic, F.; Le Floc'h, C.</i> <i>Astrium Space Transportation (France)</i>
15:30	Coffee Break
15:45-17:15	Session 4
	<u>Discussion and Workshop Chairmen Conclusions</u> ESA: G. Sinnema, S. Langlois NASA: N. Greene