

Clean Space Industrial Days & AeroThermoDynamics Design for Demise Workshop

Tuesday, October 24, 2017

EcoDesign: Environmental Impact of Space missions - Multimedia library (11:30 AM - 1:00 PM)

time	[id] title	presenter
11:30 AM	[65] EcoDesign at ESA	Ms MORALES SERRANO, Sara
11:50 AM	[66] LCA of launchers environmental impact	CHANOINE, Augustin
12:10 PM	[67] LCA of satellites environmental impact	CHANOINE, Augustin
12:30 PM	[150] Question & Answers	

EcoDesign: Ecodesigning a space mission - Multimedia Library (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[68] EcoDesign: Towards Life Cycle Sustainability of Space Systems	Mr WILSON, Andrew
2:20 PM	[69] Space OPERA: integrating environmental performance into concurrent design	CHANOINE, Augustin
2:40 PM	[70] Lessons learned from the Sentinel 3 LCA and Applications to a GreenSat	Mr THIRY, Nicolas
3:00 PM	[71] Ecodesign applied to ESA's PROBA-Vegetation satellite	VERCALSTEREN, An

EcoDesign: Atmospheric impact - Multimedia Library (4:00 PM - 6:00 PM)

time	[id] title	presenter
4:00 PM	[72] Impacts of space vehicles' launch and re-entry on the ozone layer and climate	BEKKI, Slimane
4:20 PM	[73] Atmospheric impact of spacecraft demise	GRASSI, Lilith
4:40 PM	[74] Experimental Modelling of Alumina Particulate in Solid Booster	SAILE, Dominik
5:00 PM	[75] Impact on atmosphere and ocean	KLINK, Sophia
5:20 PM	[76] Questions & Answers	

Wednesday, October 25, 2017

EcoDesign: LCA SPACE PROPELLANTS ROUND TABLE - Multimedia Library (9:30 AM - 11:30 AM)

-Conveners: Johan Berg Pettersen

time	[id] title	presenter
9:30 AM	[113] LCA space propellants Round Table	

EcoDesign: SINGLE SCORE ROUNDTABLE - Multimedia Library (11:50 AM - 1:10 PM)

time	[id] title	presenter
11:50 AM	[114] Single Score Round Table	

EcoDesign: REACH and Obsolescence Risks - Multimedia Library (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[115] Can citric acid be used as an environmentally friendly alternative to nitric acid passivation for steel? An experimental and Life Cycle Assessment (LCA) study	ZIMDARS, Christopher IZAGIRRE, Usua
2:20 PM	[116] Alternative pretreatments to aluminium	PEREIRA, Ana G.
2:40 PM	[117] REACH replacement of pyrovalve initiator powder	JOANNY, Pierre
3:00 PM	[118] How to assess REACH-related obsolescence risk in early design?	CHANOINE, Augustin BECKER, Tim
3:10 PM	[119] Natural fiber composites for space applications	Mr RION, Julien

EcoDesign: Space Sustainability - Multimedia Library (4:00 PM - 6:00 PM)

time	[id] title	presenter
4:00 PM	[120] Space Sustainability in the 21st Century	DEL RIO VERA, Jorge
4:20 PM	[121] Spacecraft design indicator fo space debris	Dr COLOMBO, Camilla
4:40 PM	[122] Towards the consideration of space debris within the Life Cycle Assessment Framework	Mr MAURY, Thibaut
5:00 PM	[123] Simulating the Beginning of the Congestion-Tipping Period for Earth Orbits	VAN PELT, Michel
5:20 PM	[124] Economic value of space debris	ESTEVE, Romain

Thursday, October 26, 2017

EcoDesign: Greensat brainstorming - CDF (2:00 PM - 3:00 PM)

EcoDesign: Greensat brainstorming - CDF (3:30 PM - 6:00 PM)