

Clean Space Days

Tuesday 8 October 2024

EcoDesign: WITH INVITATION ONLY - CDF on Lessons Learned - Eg121A (09:30 - 11:00)

EcoDesign: WITH INVITATION ONLY - CDF on Lessons Learned - Eg121A (11:30 - 13:00)

EcoDesign: Introduction - Auditorium (16:00 - 17:30)

time	[id] title	presenter
16:00	[149] Ecodesign Introduction	MORALES SERRANO, Sara
16:20	[60] ESA Synergy Between Corporate Vision and Technical Expertise: Achieving Sustainable Space Activities	Mr VENA, Andrea LE PELLEC, Marie SALIERI LOPEZ, Marta Caterina
16:40	[151] Shape a sustainable future: engage with PEFCR for Space!	PINTO, Vera
17:00	[83] Evolution in Environmental Regulations - Update from ESA REACH Officer	JANIK, Premysl

Wednesday 9 October 2024

EcoDesign: LCA in Projects - Key Takeaways - Auditorium (09:30 - 11:00)

time	[id] title	presenter
09:30	[107] LCA studies at satellite level_CPX use cases (Airbus DS)	BOUILLY, Ariane
09:50	[57] Exploitation of Data Availability to Perform Simplified Life Cycle Assessment (LCA)	GIULIANI, Marco
10:10	[8] Outcomes of Life Cycle Assessment, second Iteration, applied to the Space Segment of CO2M mission	CALIO, Andrea
10:30	[80] Lessons learned from LCA applied to previous ESA missions	TURCHETTO, Tommaso

EcoDesign: LCA in Projects - Auditorium (11:30 - 13:00)

time	[id] title	presenter
11:30	[20] Life Cycle Assessment and eco-design of terrestrial and satellite video distribution	Mrs WONNEBERGER, Natacha TISON, Romain
11:50	[106] LCA studies at satellite level_G2S use case (Airbus DS)	BOUILLY, Ariane
12:10	[35] Eco-Design Principles for the Sustainable Development of Nyx Earth	BERGMANN, Nathalie
12:30	[38] MaiaSpace: A review on the sustainability strategy in the development of a semi-reusable minilauncher	OTT, Antoinette

EcoDesign: Tools and Strategies for Ecodesign in Space - Auditorium (14:00 - 15:30)

time	[id] title	presenter
14:00	[56] The Assessment and Comparison Tool - Status and next steps for the simplified, space-specific, prospective LCA tool	DAVID, Emmanuelle VERKAMMEN, Marnix Mr UDRIOT, Mathieu
14:20	[81] Life Cycle Analysis in PLM	Mr SULLIVAN, Matthew
14:40	[3] LEAT & REAT - Development of a tool for the assessment of launch and re-entry emissions of space transportation systems and their environmental impact	FISCHER, Jan-Steffen
15:00	[98] ESA LCA Database evolution	ROCCO, ELENA VLADESCU, Suzana

EcoDesign: Improving ESA LCA & Ecodesign Methodology - Auditorium (16:00 - 17:30)

time	[id] title	presenter
16:00	[101] ESA LCA Handbook Update	Mr TORMENA, Enrico
16:20	[64] Data Quality Rating for LCA in the space sector	JOSES, Roxane
17:00	[94] CASE STUDIES ON THE ENVIRONMENTAL AND SUSTAINABILITY IMPACTS OF SELECTED ESA ACTIVITIES WITH LIFE CYCLE ASSESSMENT	WONNEBERGER, Natacha

Thursday 10 October 2024

EcoDesign: Launchers and Atmospheric Effects - Auditorium (09:30 - 11:00)

time	[id] title	presenter
09:30	[22] Screening life cycle assessment of families of future reusable launchers for early-stage ecodesign considerations in the VOLARE project	QUELENNEC, Blandine Mr UDRIOT, Mathieu
09:50	[96] Overview of DLR Initiative S3D: Space Sustainability and Sustainable Development	Mr HERBERHOLD, Moritz
10:10	[61] Bringing science, industry and agencies together - the workshops on life cycle assessment of space transportation systems at the University of Stuttgart	FISCHER, Jan-Steffen
10:30	[47] Design4Demise under the scope: how reliable is the current state of knowledge claiming direct links between burning up satellites in the atmosphere on re-entry - and increased ozone depletion? (working title)	CZICZO, Daniel Dr THOMSON, Fionagh

EcoDesign: Greener Concepts - Auditorium (11:30 - 13:00)

time	[id] title	presenter
11:30	[93] Towards Greener Propulsion: A Life Cycle Analysis of Liquid In-Space Propulsion Systems	BLONDEL-CANEPARI, Lily
11:50	[15] Cost and carbon footprint preliminary assessment of a fossil-fuel-free launch vehicle	SERRANO GÓMEZ, Javier POLOMINI, Andrea DE PERSIS, Cristina
12:10	[10] Orbit Eco-design: Pioneering More Sustainable Space Missions with Greener Orbits	Dr TONIN, Leonardo Dr GALLIO, Sasha

EcoDesign: Taskforce - Auditorium (14:00 - 15:30)

EcoDesign: Taskforce - Auditorium (16:00 - 17:30)