

ESA Planetary Dust Contamination Workshop 2025

Thursday 5 June 2025

Session 5: Dust mitigation techniques - Newton 1 (09:10 - 10:45)

time	[id] title	presenter
09:10	[8] Adaptive Textiles Innovation that Attracts and Repels Regolith in Everyday Lunar Interaction	Mr BOLTERSDORF, Christian NACHTIGALL, Troy
09:35	[13] Innovative Hybrid Polymeric Composites for Lunar Applications: Enhanced Dust Mitigation and Superior Self-Healing Performance	Dr SACCONI, Guido
10:00	[14] Investigation of CO2 Snow Jet Cleaning for Spacesuits and Hardware Lunar Airlocks	DILLMANN, Benedikt
10:10	[9] Investigation of Methods for Removing Lunar Dust from Critical Surfaces	Dr WANDELT, Sophia
10:20	[3] Electro-Dynamic Shield efficiency testing in vacuum	WANG, Ya-Chun CIPRIANI, Fabrice

Session 5: Dust mitigation techniques - Newton 1 (11:05 - 11:50)

time	[id] title	presenter
11:05	[15] DEAR dusty environmental application research – Electrode for dust manipulation	MÜLLER, Axel
11:15	[18] Lunar dust Contamination on space assets for exploration	LOCANTORE, Ilaria
11:40	[30] SiC a potential dust resistant protection coating for Lunar applications.	MÜLLER, Axel