



# Swiss Space Sustainability Research Days

## Tuesday 7 January 2025

### Tuesday Afternoon: Poster Session (14:00 - 15:00)

time	[id] title	presenter
14:00	[18] Student SSA Team Efforts in Tracking and Detecting Orbital Debris	GENIN, Aurélien AUBERT, Josué MEIER, Valentin
14:15	[11] Detailed Brightness Analysis of NASA's Advanced Composite Solar Sail System (ACS3) from ground-based optical Observations	HELLMICH, Stephan
14:15	[24] Space-based surveillance of Resident Space Objects with the CHEOPS space telescope	Mr GONÇALVES, Luís
14:30	[28] Optimization of GEO Satellites On-Orbit Refuelling for Sustainable Space Logistics	Mr UDRIOT, Mathieu
14:45	[29] EPFL's Handbook on sustainable practices for spacecraft mission design	VERKAMMEN, Marnix

### Tuesday Afternoon: Dark and Quiet Skies (Implications of space activities on astronomy) (15:00 - 16:15)

time	[id] title	presenter
15:00	[20] Three years of the IAU Centre for the Protection of the Dark and Quiet Skies: accomplishments and looking ahead	Mr DI VRUNO, Federico
15:15	[27] The Importance of Dark and Quiet Skies in Swiss Astronomy	Ms CRICHTON, Carolyn
15:30	[8] The Committee on Radio Astronomy Frequencies - advocating for spectral resources for radio astronomy	Prof. WAMPFLER, Susanne
15:45	[14] Space debris detection and characterization from the ESO VST archive	Ms RACHITH, Elisabeth
16:00	[5] Under a False Moon: Spaceflight's impact on the celestial sphere	Dr TIMPE, Miles

### Tuesday Afternoon: Workshop/Roundtable (16:30 - 17:30)

### Tuesday Afternoon: Technologies for space sustainability (17:45 - 19:00)

time	[id] title	presenter
17:45	[21] Accelerating Space and Earth Sustainability through CERN Innovation	Mr CHESTA, Enrico RIMBOT, Thomas
18:00	[12] Expert Centre for Space Safety Providing Services in Support of a Sustainable use of Outer Space	Prof. SCHILDKNECHT, Thomas
18:15	[26] "Filling the toolbox while defining the job" Product management at ClearSpace	VAN DER POLS, Kees
18:30	[22] Global Navigation Satellite Systems and Constellations of Earth Observation Satellites: Sustainable Satellites for Science and Society	Prof. JÄGGI, Adrian
18:45	[10] Towards Autonomous Pose Estimation for Unseen Satellites	Dr PRICE, Andrew