



# ESA IP-CCI

## Thursday, 29 June 2023

**Workshop 7 - Long-term In-space Cryogenic Propulsion and ISRU Propellants: Welcome and agenda - Newton 1 (09:15 - 09:30)**

**Workshop 7 - Long-term In-space Cryogenic Propulsion and ISRU Propellants: ESA draft roadmap presentation - Newton 1 (09:30 - 10:00)**

**Workshop 7 - Long-term In-space Cryogenic Propulsion and ISRU Propellants: Presentations by industry - Newton 1 (10:15 - 12:00)**

time	[id] title	presenter
10:15	[199] Building blocks for agile satellite systems and beyond - Technical University of Munich	BAUER, Christian
10:30	[200] Transfer line chill-down enhancement in long term in space cryogenic propulsion - KU Leuven	FONTANAROSA, Donato
10:45	[201] Refuelling: couplings & pumps - Thales Alenia Space	DAUTRICHE, Jeremie
11:00	[202] Leveraging cryo-technology developed in cross domains for ISRU application -Vanzetti Engineering SpA	CAPUANI, Andrea
11:15	[203] In-situ morphology utilization - Lunar Cargo P.C.	Mr KOSMAS, Charalampos
11:30	[204] Presentation by Empresarios Agrupados	ARANDA ROSALES, MARIA
11:45	[205] Numerical simulation of bubble growth induced by pressure and temperature variation under micro-gravity conditions	DEFERREZ, Maxence

**Workshop 7 - Long-term In-space Cryogenic Propulsion and ISRU Propellants: Open discussion and close out - Newton 1 (12:00 - 13:15)**

**Workshop 7 - Long-term In-space Cryogenic Propulsion and ISRU Propellants: Open discussion and close out - Newton 1 (14:00 - 16:00)**