

Programme

Time (hh:mm)	Title of Presentation	Speaker	Company
09:00	Welcome	ESA	ESA
09:15	What ESA can offer to boost technology TRL (30 minutes + 15 minutes Q&A)	ESA	ESA
10:00 - 14:30	European Industry presentation on the state-of-the-art of propulsion technologies for CubeSATS (10 minutes per presenter)		
10:00	Ienal SPACE: Electric propulsion and mission optimization for nanosatellites: concurrent design.	Dr. Daniel Pérez	Ienal SPACE
10:10	IRVIThruster Family - Field emission electric propulsion for versatile applications	Dr. Tony Schönherr	Empulsion
10:20	URA / AVS / IMPERIAL ICE Cube Thruster: the ultimate in-space water propulsion system for CubeSats	Mr. Charlie Muir	Imperial College London
10:30	AVS CubeSat Propulsion Systems	Mr. Alberto Garbayo	AVS UK
10:40	Flight-proven MEME propulsion system allows 8DoF functionality for micro- and nanosatellites.	Ms. Ana Zaldivar Salaverri	Gomspace Sweden
10:50	Exotrail's high thrust electric propulsion systems & propulsion mission design and operation software to optimize small satellite missions	Mr. David Henri	Exotrail
11:00 - 11:20	Coffee Break		
11:20	Scalability and Reliability of Vacuum Arc Thrusters for CubeSat Missions	Dipl.-Phys. Jörn Niels Krenzer	Lab. for Plasma Technology, Dep. of Electrical Engineering & Information Technology, Bundeswehr University Munich
11:30	REGULUS Electric Propulsion System and In-Orbit Demonstration	Miss Alessia Gioder	T4 - Technology For Propulsion and Innovation
11:40	RFI-3.5: a miniaturised Radio Frequency Ion Engine	Ms. Maria Srimova	Transmit GmbH
11:50	Iodine propellant enables self-pressurised cold gas and electric propulsion solutions for CubeSats	Dr. Ane Aanesland	ThrustMe
12:00	Micropropulsion Activities at SITAEI	Dr. Tommaso Msuri	Sitaei
12:10	Plasma Jet Pack: technology propulsion module for small satellites	Mr. Luc Herrero	Comet
12:20	LIFT ME OFF - CUBESAT PROPULSION SERVICES	Mr. Michel Pouost	Lift Me Off
12:30	Qualification and In-Orbit Demonstration of the PIV000 Green Bi-Propellant CubeSat Propulsion System	Mr. Jeroen Wink	Dawn Aerospace
12:40	De-orbiting technologies available at AFP	Mrs. Wilianne Welland	Aerospace Propulsion Products BV
12:50	Innovative Xenon/Krypton FVB (Feed Management System) for Electric Propulsion	Mr. Pascal Barbier	Air Liquide Advanced Technologies
13:00	PPTCLP: Pulsed Plasma Thruster for Cubesat Propulsion	Dr. Ismet Ruckwien	Mars-Space LTD
13:10 - 14:00	Lunch		
14:00	Application of Additive Manufacturing for CubeSAT Propellant Storage	Mr. Donnha I O'Sullivan	Nammo Ireland Limited
14:10	Cold spray additive manufacturing of small-scale Ti alloy propulsion tanks	Mr. Dave Harvey	TVM Limited
14:20	Development of a mN Thrust Balance	Dr. Carsten Scharfmann	University of Applied Sciences Wiener Neustadt
14:30 - 15:00	European CubeSATS Primes presentation on key propulsion requirements (10 minutes per presenter)		
14:30	Nanosatellite propulsion requirements according to a Prime	Mr. Fredrik Persson	Gomspace Sweden
14:40	Dual Chemical-Electric Propulsion for Interplanetary CubeSats	Mr. Karthik Venkatesh Mari	Politecnico Di Milano
14:50	On the requirements definition and verification of CubeSats equipped with Electric Propulsion Systems	Prof. Sabrina Corino	Politecnico Di Torino
15:00			
15:10 - 16:00	Discussion and Conclusion		