

CubeSat Industry Days 2017

Tuesday 13 June 2017

Company Presentations on CubeSat Subsystems, Products and Technologies: Part 1 - Newton (15:15 - 18:30)

-Conveners: Christopher Bridges; Johan Vennekens

time	[id] title	presenter
15:15	[24] GomSpace status and product port-folios	Mr ALMINDE, Lars Krogh
15:30	[25] Sirius - C&DH and Power management for advanced Cubesat missions with high requirements for reliability	Mr HATZIATHANASIOU, Iraklis
15:45	[43] On-orbit Performance of Robust, Power-efficient OBDH	Dr SCHILLING, Klaus
16:00	[26] 12 years of successful deployers by Astrofein	Dr HUANG-WOLFF, Yawen
16:15	[27] Time Delay Integration CCD-in-CMOS imagers and monolithic integrated spectral filters for Earth Observation	Dr DE MOOR, Piet
16:30	[28] High performance Camera for Cubesat	Mr GEYL, Roland
16:45	[29] Advanced 3D printed optical payloads for Earth Observation	Mr ROUSSELET, Nicolas
17:00	[30] Optical Communications Terminals for cubesats	Mr FERRARIO, Ivan
17:15	[31] High Data Rate Optical Communication Payload OSIRIS for CubeSat Missions	Mr SCHMIDT, Christopher
17:30	[32] Compact Attitude Control System for CubeSats	Mr BARRINGTON-BROWN, James
17:45	[33] Spacestar: Realtime in orbit Cubesat positioning at centimetre level using a GNSS receiver	Mr VISSER, Hans
18:00	[34] Advanced components including Integrated attitude and orbit control for small missions	Dr ENGELEN, Steven

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Company Presentations on CubeSat Subsystems, Products and Technologies: Part 2 - Newton (09:30 - 10:45)

-Conveners: Matthew Smith

time	[id] title	presenter
09:30	[35] Propulsion for various cubesat sizes and missions	Mr GRÖNLAND, Tor-Arne
09:45	[36] Small satellite chemical propulsion and applications. LituanciaSAT-2 mission case (QB50)	Mr BUZAS, Vytenis
10:00	[37] EOL Operations of the D-SAT Cubesat: an In-Orbit Demonstration of Satellite Controlled Re-entry	Mr ANTONETTI, Stefano
10:15	[38] MotorSat - Design and commercialisation of motor for cubesat without propellant	Mr JOUY, Cedric
10:30	[39] Deorbit kit for cubesats	Mr SANCHEZ, Gonzalo

Company Presentations on CubeSat Subsystems, Products and Technologies: Part 3 - Newton (11:15 - 12:45)

-Conveners: Jian Guo

time	[id] title	presenter
11:15	[40] 3U & 6U deployable solar panels for LEO missions	Dr DIAZ, Vicente
11:30	[41] Thin and Low Cost InGaP/InGaAs/Ge high efficiency triple junction solar cells: qualification status	Dr FICCADENTI, Marco
11:45	[42] Two Phase Mechanically Pumped Loop for Thermal Management of Space Applications	Dr ZUMMO, Giuseppe
12:00	[44] Model-Based Software for Efficient Space Operations	Dr MENDHAM, Peter
12:15	[45] Artificial Intelligence to enhance CubeSats Mission Autonomy	Mr FERUGLIO, Lorenzo
12:30	[46] Space-COTS == presentation cancelled	Mr ESTELA, Jaime