



After lunch, delegates returned to the main hall for presentations by SGAC competition winners. First to take the stage was Simon Molgat Laurin, winner of the Move an Asteroid competition. His presentation, titled “A Gravity-Surveying Surface Lander for Near Earth Asteroids” explored the GRavimetric Asteroid Surveying Probe (GRASP) being developed for NEA missions.

Next up was Carlos Manuel Entrena Utrilla, winner of the \$pace is Business competition. Mr. Entrena Utrilla redefined COTS as Commercial Orbital Transportation Services, and discussed how Asteroid Mining COTS can be used to complement Cislunar COTS in the space economy.

Octavio Ponce Madrigal, winner of the OHB-Systems Competitions, on “Multiple-Input Multiple-Output Circular SAR for High Altitude Pseudo Satellites”. He presented the outcome of experiments using High-Altitude Pseudo-Satellites, Single Channel Circular SAR, and Multiple-Input Multiple-Output CSAR.

Finally, Alice Barthe, the second OHB-Systems competition winner, closed the afternoon session with her presentation on “GEO Space Debris Mapping with Space-Based Phased-Array RADAR”. She discussed how orbital debris could be catalogued using a space-based RADAR.



From left: Octavio Ponce Madrigal (OHB-Systems winner), Simon Molgat Laurin (Move an Asteroid winner), Alice Barthe (OHB-Systems Winner), and Carlos Manuel Entrena Utrilla (\$pace is Business Winner)

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