Paper ID: 14488
oral

SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT (D3)
Novel Concepts and Technologies for Enable Future Building Blocks in Space Exploration and Development (3)

Author: Ms. Amanda Stiles
SpaceX, United States, amanda.m.stiles@gmail.com

ENABLING FUTURE EXPLORATION OF THE MOON WITH THE GOOGLE LUNAR X PRIZE

Abstract

The Google Lunar X PRIZE was launched in 2007 to incentivize commercial robotic exploration of the lunar surface. Offering a cumulative prize of $30 million US dollars to the first privately-funded teams to land and travel 500 m e f f ective manner.

A majority of teams that are participating in the competition are aggressively working toward maximizing their capability to serve future customers in academic, government, and commercial sectors, with the goal of establishing sustainable businesses and acquiring customers well beyond the winning of the Google Lunar X PRIZE prize purses. Teams have identified opportunities in providing hardware, products, and services to government and commercial entities, including potential exploitation of lunar resources and scouting missions that will help to enable future exploration endeavors of the Moon and beyond. This paper and the accompanying presentation will discuss the current status of teams competing in the prize and capabilities for supporting future operations and exploration of the Moon.