Lunar Exploration Program. Scheduled for 2017, Chang'e-5 is planned as a sample return mission to the Moon. NAOC will participate in internationally cooperative lunar base build-out. The ILO-X is a 10cm optical telescope precursor instrument, part of a joint-venture partnership with Moon Express. Durst noted that, "it will be the first ever program to conduct Galaxy / Astronomical imaging from the lunar surface." These Galaxy images from the Moon will advance 21st Century Education through integration with the ILOA Galaxy Forum education and outreach program.

This science collaboration will be part of a mission that will conduct the first soft controlled landing of any spacecraft on the Moon in almost 40 years. ILOA Founding Director Steve Durst noted that, "it will be the first ever program to conduct Galaxy / Astronomical imaging from the lunar surface." These Galaxy images from the Moon will advance 21st Century Education through integration with the ILOA Galaxy Forum education and outreach program.

The ILOA is an interglobal enterprise incorporated in Hawaii as a 501(c)(3) non-profit to advance human knowledge of the Cosmos through observation from our Moon, and to participate in internationally cooperative lunar base build-out. The ILO-X is a 10cm optical telescope precursor instrument, part of a joint-venture partnership with Moon Express Canada in a bid for the Google Lunar X-Prize. ILO-1 is the primary ILOA mission under development by MDA Canada to land a multifunctional 2-meter dish on the Moon South Pole to conduct Galaxy observation and commercial communications activities.

The ILOA co-sponsors with its Space Age Publishing Company affiliate an international series of Galaxy Forums dedicated to advancing 21st Century Education. Galaxy Forums, designed to provide greater global awareness, capabilities and action in Galaxy science, exploration and enterprise, are held in Silicon Valley, Canada, China, India, Japan, Europe, Africa, Hawaii, Kansas and New York. Current plans are for expansion to South America, Southeast Asia, Mexico and Antarctica through 2014. Dedicated to astronomical research and public education, NAOC hosts the Lunar and Planetary Research Center and is the responsible institute for the ultraviolet Lunar Telescope onboard the Chang'e-3 lander which will be operated by the CNSA Chinese Lunar Exploration Program. Scheduled for 2017, Chang'e-5 is planned as a sample return mission.

SOURCE International Lunar Observatory Association
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