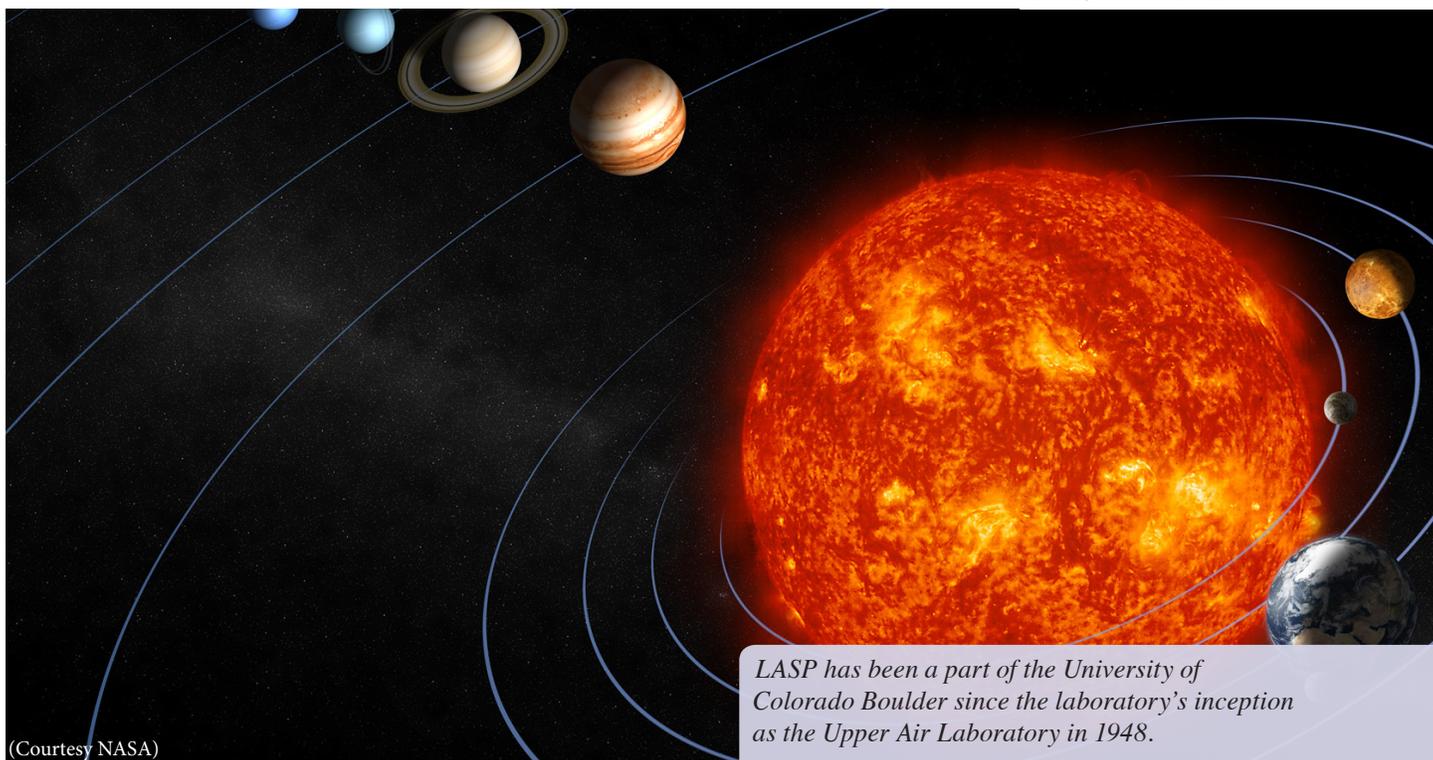


LASP Highlights



LASP has been a part of the University of Colorado Boulder since the laboratory's inception as the Upper Air Laboratory in 1948.

(Courtesy NASA)

The Laboratory for Atmospheric and Space Physics (LASP) is a full-cycle space research institute, combining all aspects of space exploration through our expertise in science, engineering, mission operations, data management, and education. The laboratory is a leader in atmospheric and space research, focusing on planetary science, solar terrestrial physics, atmospheric sciences, and space physics.

Science drives exploration

LASP scientists develop areas of focus for space and aircraft missions; our researchers define the technology required to collect data and answer scientific questions. LASP is currently involved in nine missions already in space and eight others that are under development.

Engineering supports scientific endeavors

LASP has the in-house engineering capabilities and facilities to support the design and manufacture of space-based and suborbital instruments and small spacecraft. LASP has developed scientific instrumentation for twelve deep-space missions, fourteen Earth-orbiting missions, 200 sub-orbital rocket flights and over 20 airborne experiments.

Mission Operations & Data Systems

LASP mission operators, software engineers, and data systems experts manage the day-to-day mission and science operations for spacecraft and instruments. In addition, LASP is responsible for the delivery of scientific

Quick Facts

Research awards: \$100M in FY 2010

Employees: 302 professionals and 137 students

Current missions: MAVEN–Mars; AIM–Upper Atmosphere; SORCE–Sun–Earth

LASP has 17 instruments on 11 NASA satellites: AIM, Cassini, CSSWE, MESSENGER, New Horizons, RBSP, SDO, SORCE, THEMIS, TIMED, Voyager

LASP is developing 15 instruments for 8 missions: NASA—HySICS, LDEX, MMS, MAVEN, SPP, TCTE; NOAA—GOES-R, TSIS

Current mission operations: AIM, Kepler, SORCE, QuikSCAT

Planets visited: All eight, plus Pluto and beyond

Colorado economic impact: 300 local suppliers

data to scientists and the public, continuing the cycle of space exploration. LASP currently operates 4 NASA spacecraft and 17 space science instruments.

Students are involved at all levels

The laboratory currently employs 137 graduate and undergraduate students, integrated into work teams at LASP. They are the next generation of space scientists, engineers, and mission operators—the future experts of space exploration.

For more about current highlights at LASP, visit:
<http://lasp.colorado.edu>.

The Laboratory for Atmospheric and Space Physics (LASP) combines all aspects of space exploration through our expertise in science, engineering, mission operations, and data management. As an institute at the University of Colorado Boulder, LASP includes students throughout our activities. Learn more at <http://lasp.colorado.edu>.