



Space Dynamics Laboratory

Alan Thurgood

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SDL Civil & Commercial Space Org Chart / Contact Information

Civil & Commercial Space (CVS) Leadership Team



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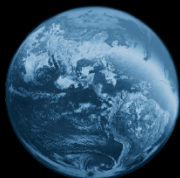
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- Satellite Technologies Asal Naseri (435)713-3588
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- Calibration James Peterson (435)713-3551
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- Thermal Technologies Matt Felt (435)713-3389
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What does SDL do?

- Smallsats / Cubesats
 - Bus
 - Avionics Electronics / Flight Software
 - Iris Radio
 - Mission Operations
- E-O Sensors
 - Imagers / cameras (UV – IR)
 - Spectrometers
 - Telescopes
 - Calibration
- Integration and Test
- Thermal subsystems
 - Thermal straps



SDL CONTRIBUTIONS TO US SPACE SCIENCE MISSIONS



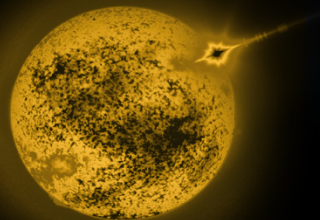
EARTH SCIENCE

CIRIS
HARP
TEMPEST-D
RAINCUBE
PACE
OCO-2
AURA
TEMPO
MAIA
LANDSAT 9
LANDSAT 7, 8
JPSS-2
LIBERA
EMIT
ECOSTRESS



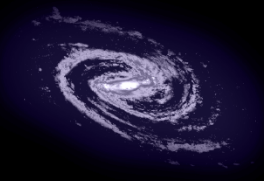
PLANETARY SCIENCE

LUNAH-MAP
NEOWISE
OSIRIS-REX
EUROPA CLIPPER
CURIOSITY
INSIGHT
MRO
PSYCHE
NEO SURVEYOR
JANUS
LUNAR TRAILBLAZER



HELIOPHYSICS

CUSP
DELLINGR
SUNRISE
ICON
AIM
TIMED
AWE
PARKER SOLAR PROBE
GLIDE



ASTROPHYSICS

WISE
HALOSAT
DORADO
ROMAN
SOFIA
WEBB
COSI



TECHNOLOGY & EXPLORATION

BIOSENTINEL
NEA SCOUT
LUNAR FLASHLIGHT
LUNAR ICECUBE

Small to Large PI led Mission Examples

- Small Missions
 - HARP PI: Vanderlei Martins / UMBC
 - SDL roles: Small Satellite, AI&T, Mission Operations
 - SunRISE PI: Justin Kasper / University of Michigan in Ann Arbor
 - SDL roles: 6 Small Satellite Constellation, AI&T, Mission Operations
 - LunaH-Map PI: Craig Hardgrove / ASU
 - SDL role: IRIS Radio provider
- Medium Missions
 - AWE PI: Mike Taylor / USU
 - SDL roles: Prime / Mission Manager, EO Sensor, AI&T,
 - MISE / Europa Clipper PI: Diana Blaney / JPL
 - SDL role: Thermal system
- Large Missions
 - OSIRIS-REx PI: Dante Lauretta / UA
 - SDL role: Camera Electronics
 - CAESAR PI: Steve Squyres / Alex Hayes
 - SDL role: Camera Testing / Calibration