Goddard Space Flight Center

NASA Goddard SPACE FLIGHT CENTER

www.nasa.gov/goddard

NASA Goddard Space Flight Center

- NASA's first Space Flight Center (established 1959)
- We TRANSFORM Human Understanding of Earth and Space
- Largest Collection of Scientists & Engineers in the U.S.
- Nearly 300 successful missions including the World's First Weather Satellite and the Hubble Space Telescope
- 2006 Nobel Prize in Physics [Big Bang/Cosmic Background]
- Hubble Supported 2011 Nobel Prize in Physics
- WMAP Team Awarded 2012 Gruber Prize for Cosmology

Our Facilities

- GSFC Greenbelt, Maryland
- GSFC Wallops Flight Facility, Virginia
- IV&V Facility, West Virginia
- Goddard Institute for Space Studies, New York
- Ground Stations at White Sands Complex, New Mexico

Wallops Flight Facility

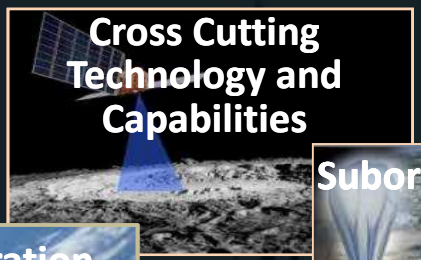
White Sands Complex

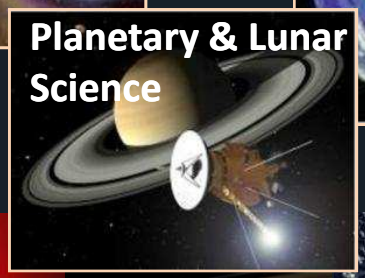
Greenbelt

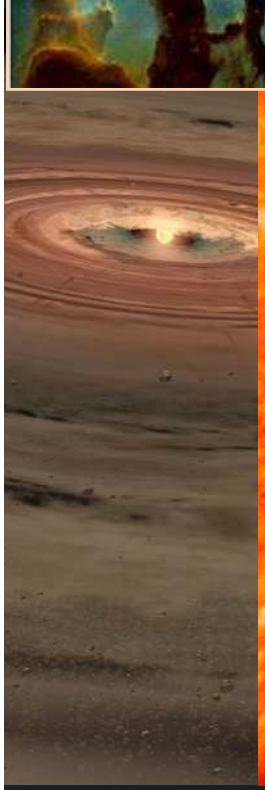
Goddard Institute for Space Studies

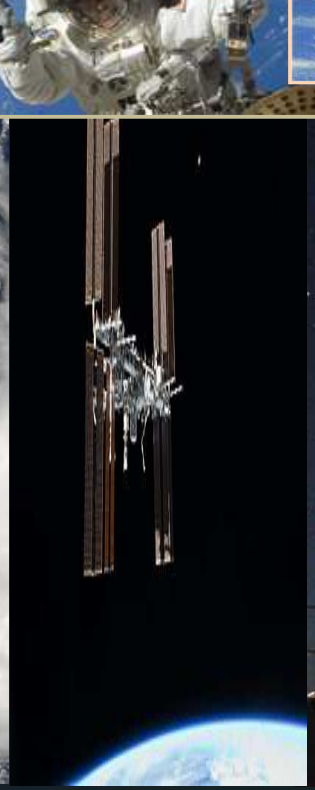
Independent Verification and Validation Facility

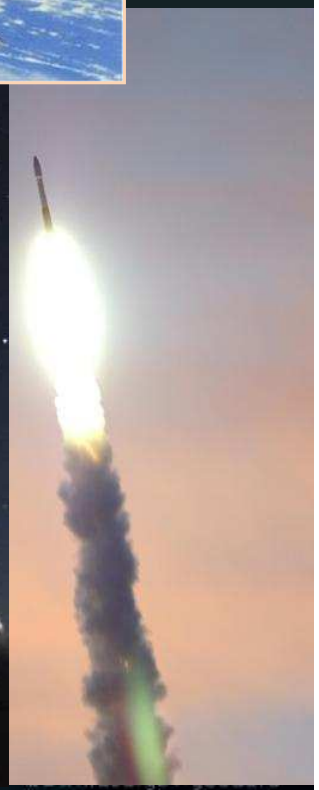
Our Lines of Business





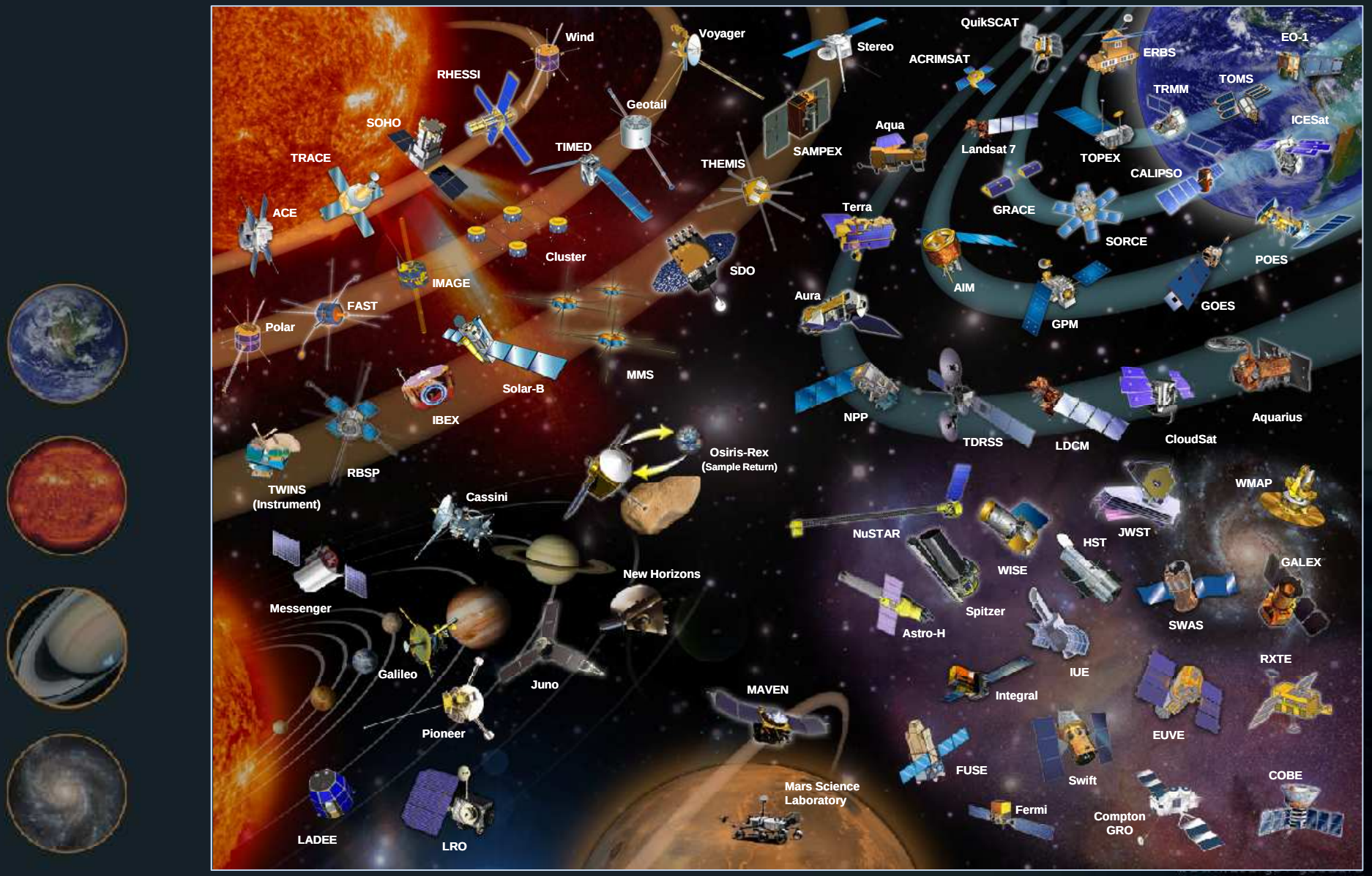






NASA Goddard SPACE FLIGHT CENTER

GSFC's Contributions to a Diverse Mission Portfolio



NASA GSFC Leadership Team

Chris Scolese
Director

Kelly Farrell,
Chief of Staff

Rick Obenschain,
Deputy Director

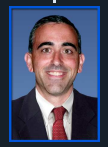
Christyl Johnson,
Deputy Director
for Technology and Research
Investments

Colleen Hartman,
Deputy Director for
Science, Operations and
Program Performance

Nancy Abell,
Associate Director

Ron Brade,
Director,
Office of
Human Capital
Management

Julie Baker,
Chief Financial
Officer



Ray Rubilotta,
(Acting)
Director,
Management
Operations
Directorate

Judy Bruner,
Director,
Office of
Systems Safety
and Mission
Assurance

George Morrow,
Director,
Flight Projects
Directorate

Dennis Andrucyk,
Director,
Applied Engineering
and Technology
Directorate

Nick White,
Director,
Sciences and
Exploration
Directorate

Adrian Gardner,
Director,
Information
Technology and
Communications
Directorate

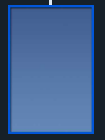
Bill Wrobel,
Director,
Suborbital and
Special Orbital
Projects
and WFF

Phillina Tookes
(Acting)
Government and
Community Relations
Manager

Dan Krieger,
Special Assistant
for Diversity

Veronica Hill,
Chief,
Equal Opportunity
Programs Office

Mark Hess,
Chief,
Office of
Communications



Laura Giza,
(Acting)
Chief Counsel

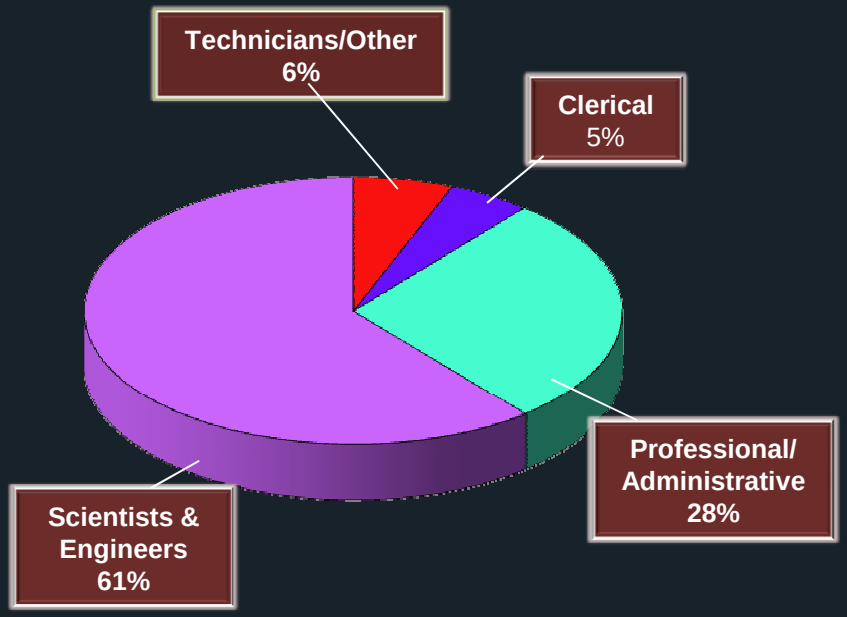
Bob Gabrys,
Director,
Office of
Education
Programs

Greg Blaney,
Director,
Independent
Verification and
Validation Facility
WV

Tom Paprocki,
Director,
Office of
Procurement

* Reports
directly to NASA
Headquarters

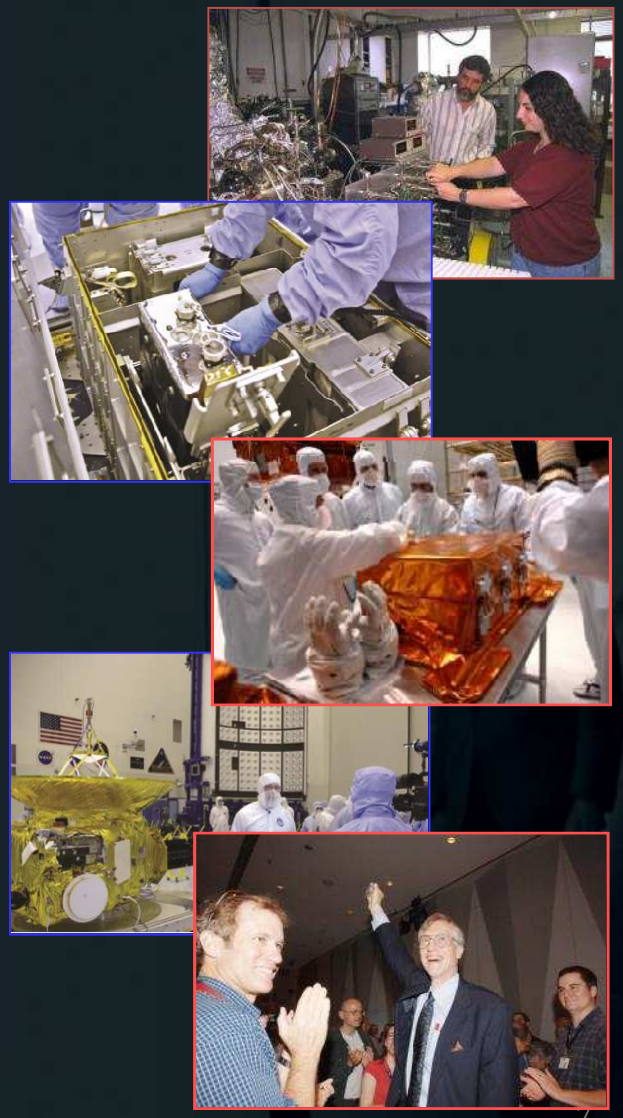
Our People



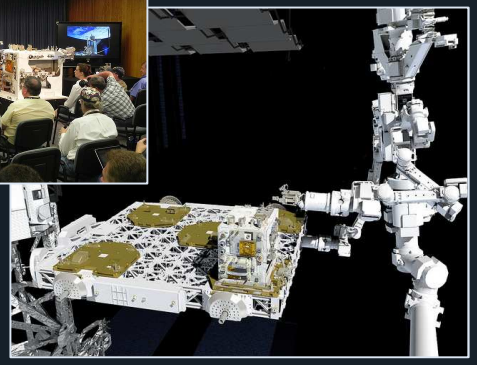
GSFC Workforce

Total Civil Servants: 3,400
Total Contractors : 6,400

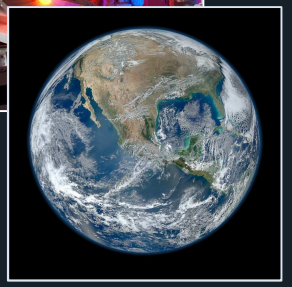
Total Workforce: 9,800



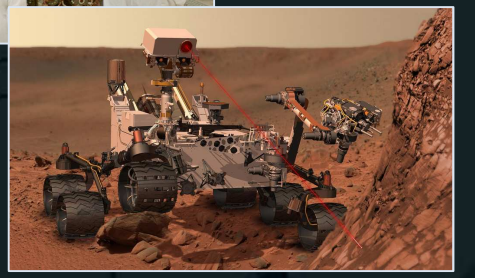
Recent Accomplishments



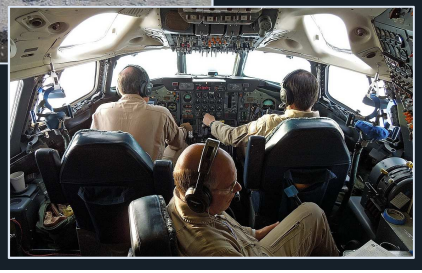
Robotic Refueling Mission on STS-135



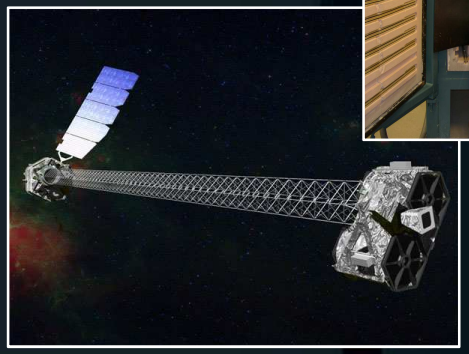
Suomi NPP – Revisiting the Blue Marble



Sample Analysis at Mars Instrument on MSL



Operation Icebridge

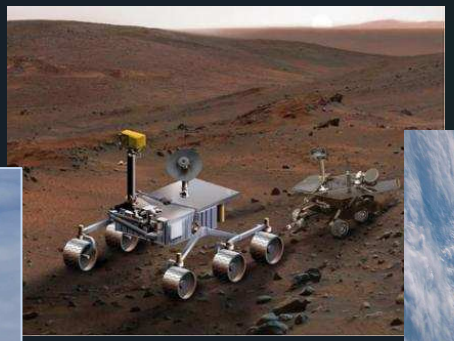


NuSTAR Optics

Upcoming Milestones

Antares test Launch
from Wallops
2012

HS3 Summer
2012



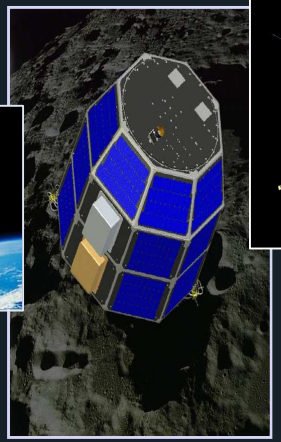
MSL Landing
(SAM instrument)
August 2012

RBSP Launch
August 2012

TDRS K Launch
December 2012

Numerous
Suborbital
Missions

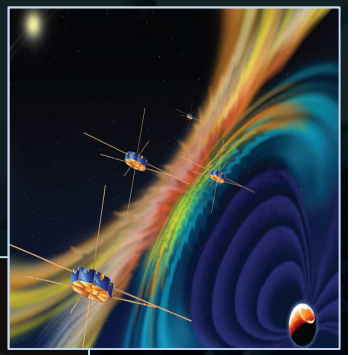
LDCM Launch
February 2013



LADEE Launch
Summer 2013

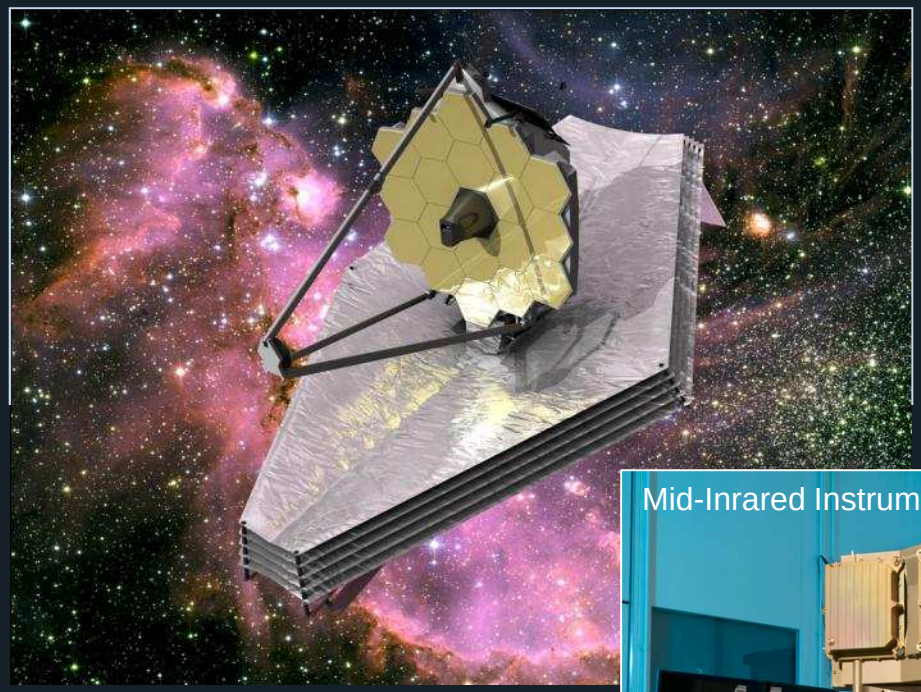
MAVEN Launch
November 2013

GPM Launch
February 2014



MMS Launch
October 2014

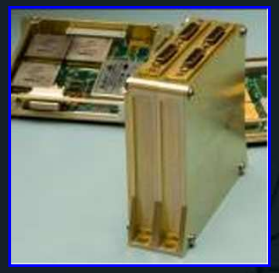
James Webb Space Telescope



Antares at Wallops

NOAA Reimbursable Projects

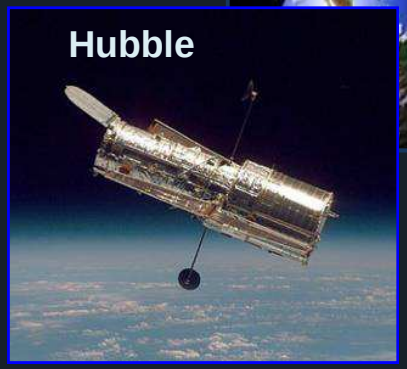
GSFC Technology: From Concept to Flight



GSFC develops a diverse portfolio of technologies,

tests them on platforms, and

integrates them into missions.



It is difficult to say what is impossible...
for the dream of YESTERDAY
is the hope of TODAY
and the reality of
TOMORROW.
- Robert H. Goddard (1882 - 1945)