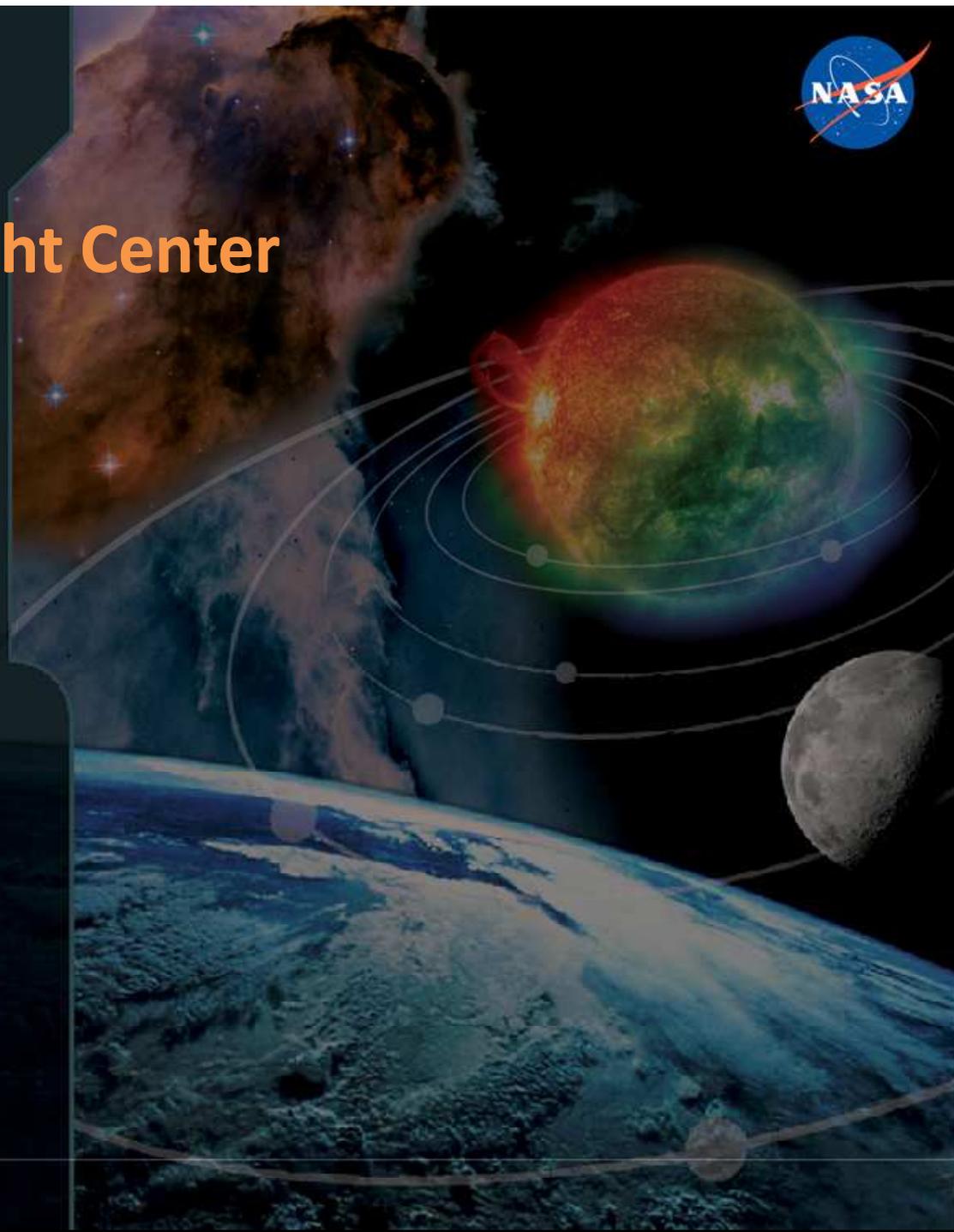




Goddard Space Flight Center

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



Greenbelt

White Sands Complex



Wallops Flight Facility



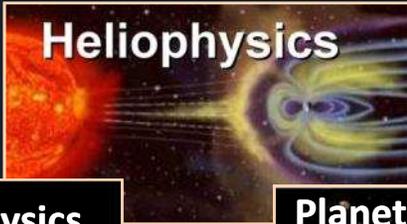
Goddard Institute for Space Studies



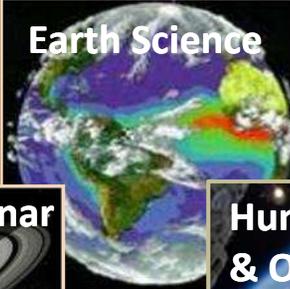
Independent Verification and Validation Facility

Our Lines of Business

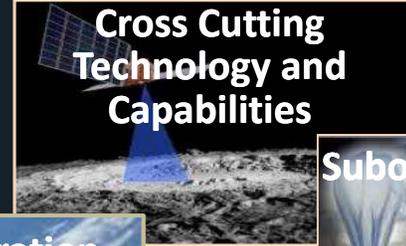
Heliophysics



Earth Science



**Cross Cutting
Technology and
Capabilities**



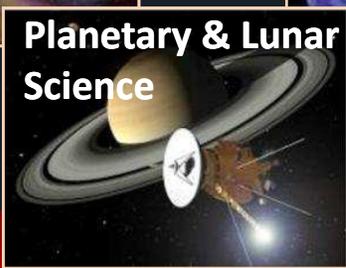
Suborbital Platforms



Astrophysics



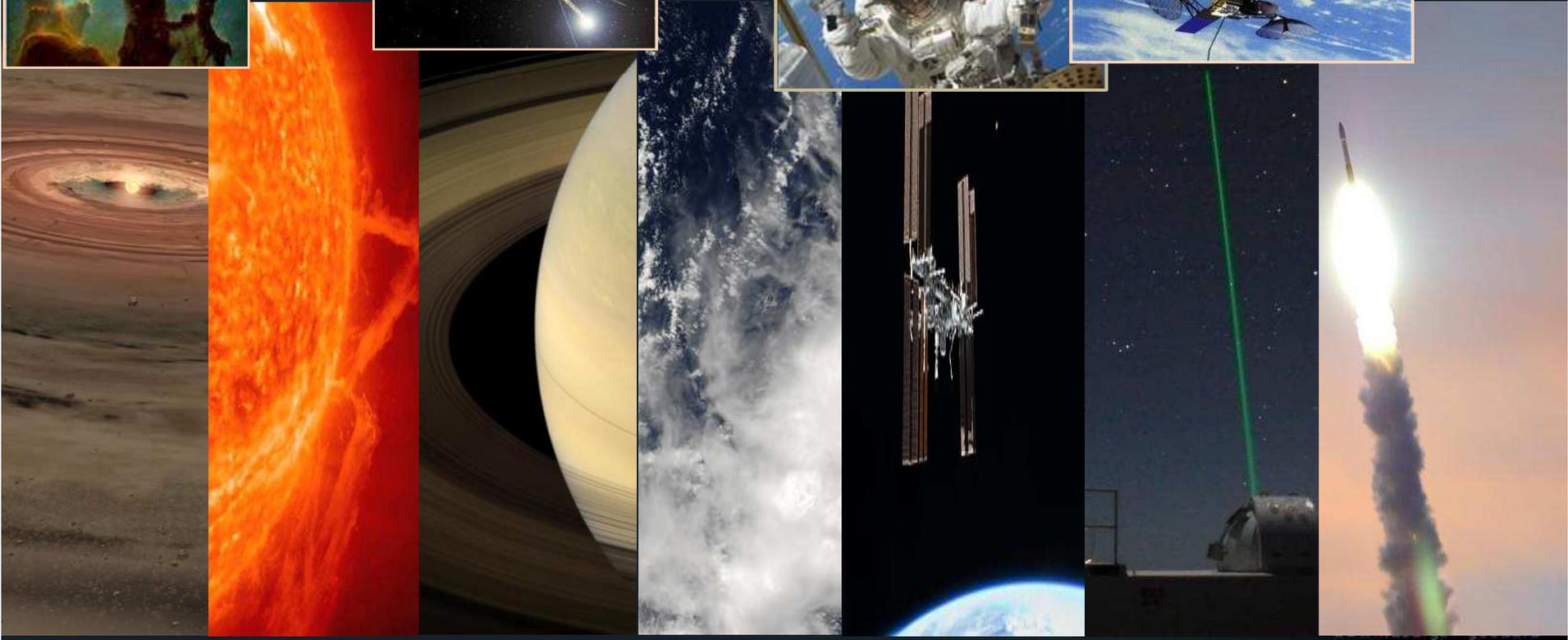
**Planetary & Lunar
Science**



**Human Exploration
& Operations**



**Communications &
Navigation**



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



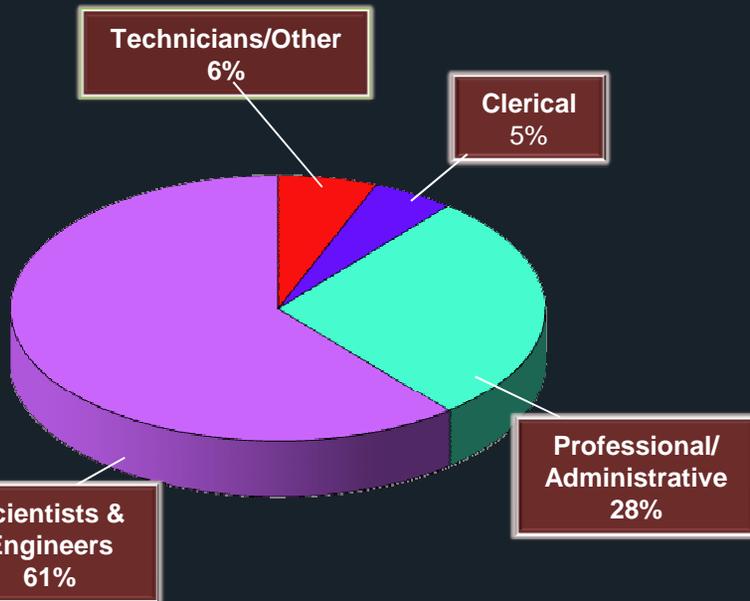
Greg Blaney,
Director,
Independent
Verification and
Validation Facility
WV



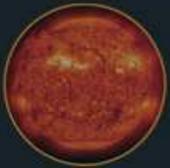
Tom Paprocki,
Director,
Office of
Procurement

* Reports
directly to NASA
Headquarters

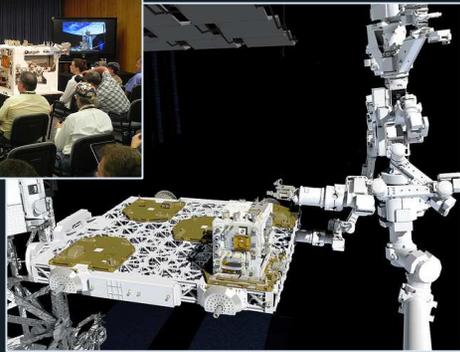
Our People



GSFC Workforce
Total Civil Servants: 3,400
Total Contractors : 6,400
Total Workforce: 9,800



Recent Accomplishments



Robotic Refueling
Mission on STS-135



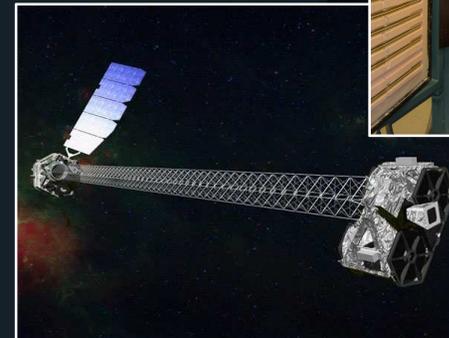
Suomi NPP –
Revisiting the Blue
Marble



Sample Analysis at Mars
Instrument on MSL



Operation
Icebridge



NuSTAR Optics



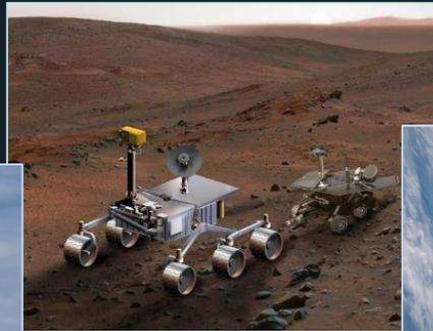
Upcoming Milestones



Antares test Launch
from Wallops
2012



HS3 Summer
2012



MSL Landing
(SAM instrument)
August 2012



RBSP Launch
August 2012



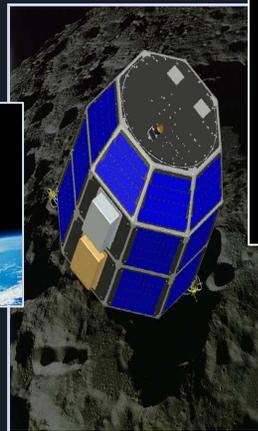
TDRS K Launch
December 2012



Numerous
Suborbital
Missions



LDCM Launch
February 2013



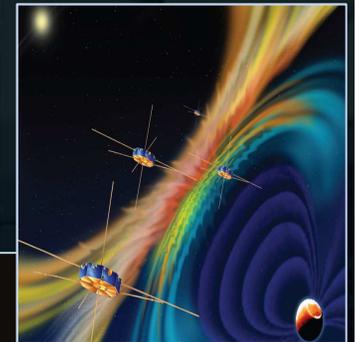
LADEE Launch
Summer 2013



MAVEN Launch
November 2013

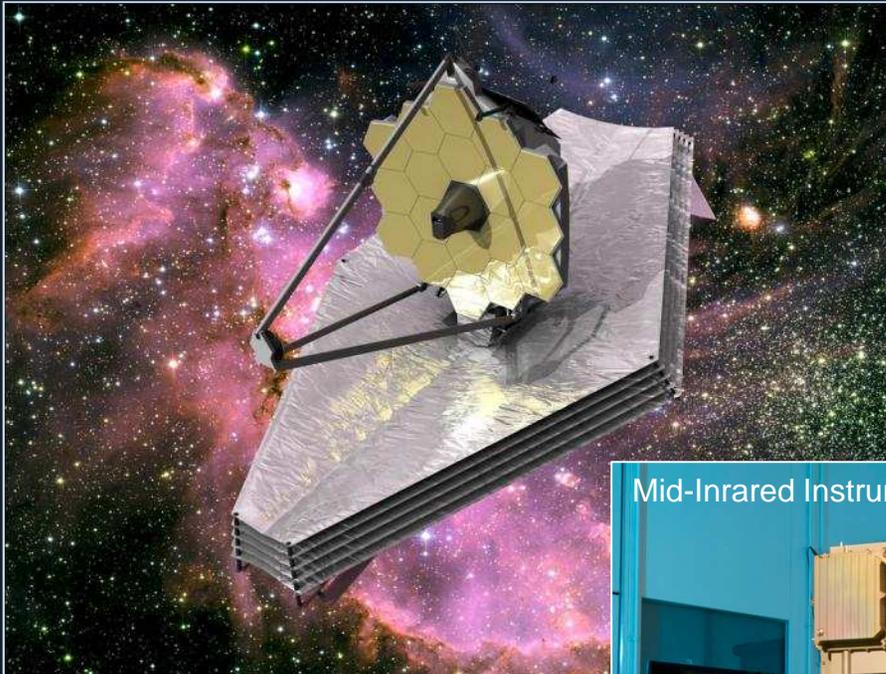


GPM Launch
February 2014



MMS Launch
October 2014

James Webb Space Telescope



Mid-Infrared Instrument (MIRI)



Antares at Wallops



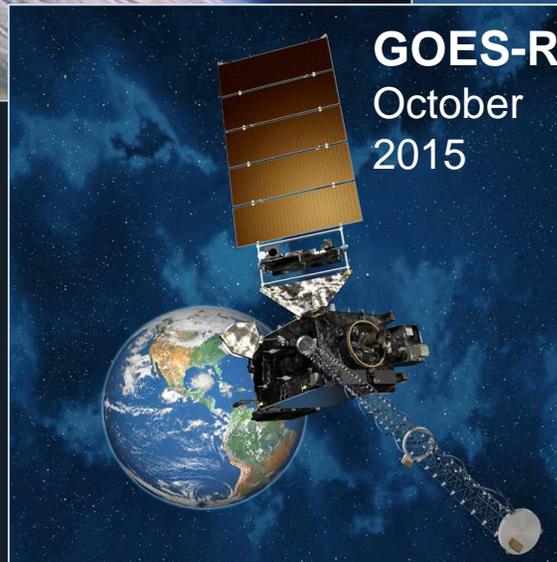
NOAA Reimbursable Projects

JPSS
December 2016

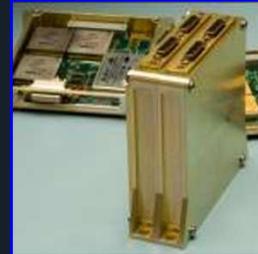


DSCOVR
June 2014

GOES-R
October
2015



GSFC Technology: From Concept to Flight



GSFC develops a diverse portfolio of technologies,

tests them on platforms, and

integrates them into missions.



TERRA



Hubble



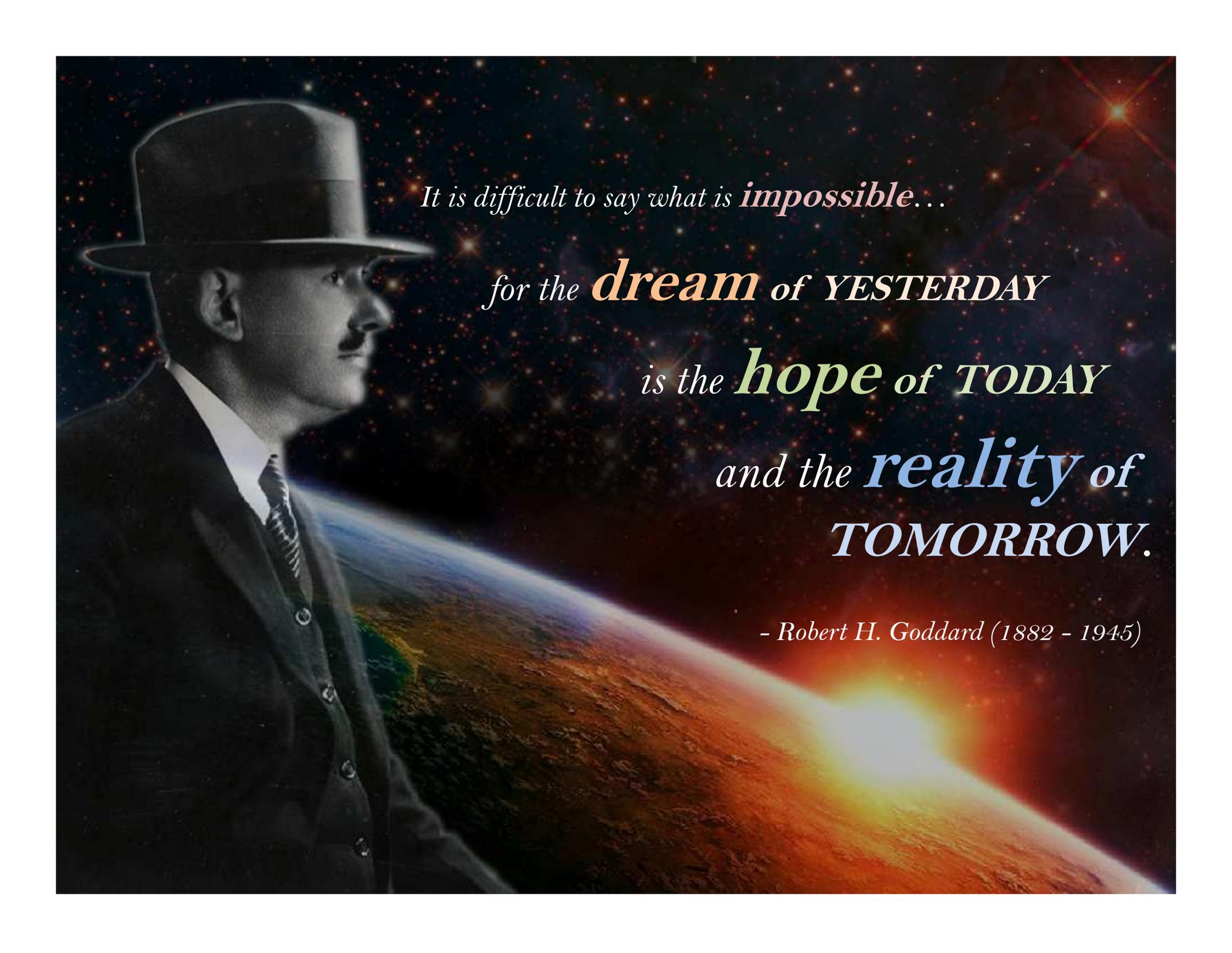
SOHO (and ACE)



MSL



JWST

A composite image featuring a man in a dark suit, white shirt, and striped tie, wearing a black top hat. He is shown in profile, looking towards the right. The background is a view of Earth from space, showing the planet's horizon and a bright sun or star in the lower right corner, creating a lens flare effect. The sky is filled with stars.

*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)