

Goddard's Legacy and Mission Portfolio

Supply Chain 2009

3rd Annual Supply Chain Quality Assurance Conference
October 14, 2009

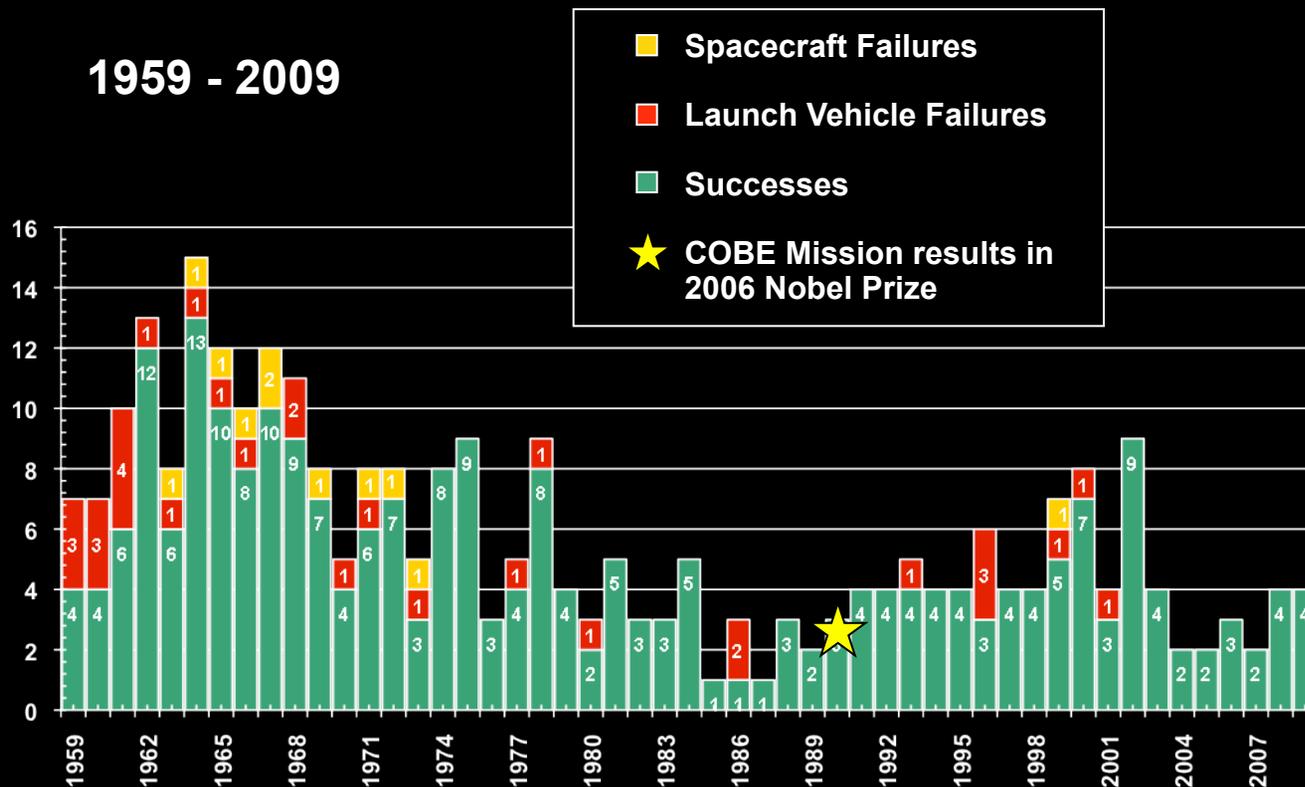
Rick Obenschain
Deputy Director
NASA Goddard Space Flight Center (GSFC)



NASA GSFC Launches: A Long History of Mission Success



1959 - 2009



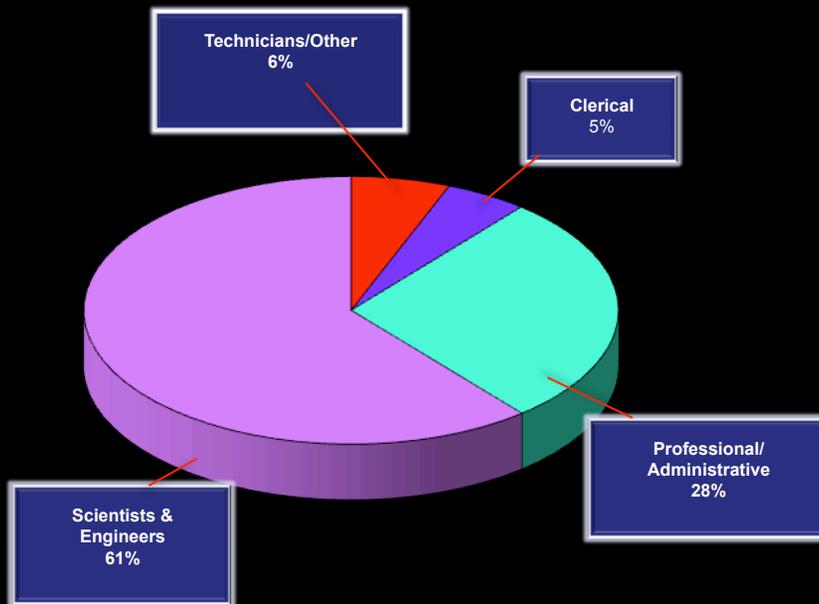
- Spacecraft Failures
- Launch Vehicle Failures
- Successes
- ★ COBE Mission results in 2006 Nobel Prize

Successes = 250
Launch Vehicle Failures = 32
Spacecraft Failures = 11

Since 1974 : Successes = 143
Launch Vehicle Failures = 12
Spacecraft Failures = 1



NASA GSFC People



GSFC Workforce
Total Civil Servants: 3,200
Total Contractors : 5,400
Total Workforce: 8,600



NASA GSFC Facilities



Goddard Space Flight Center, Maryland

Wallops Flight Facility, Virginia

Independent Validation & Verification Facility, West Virginia

Goddard Institute for Space Studies, New York

White Sands Ground Station, New Mexico

WFF



WSGS



GSFC



GISS



IV&V

NASA GSFC Focus Areas



Earth's Climate and Weather



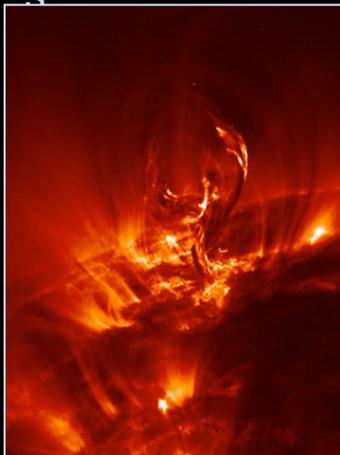
Goddard leads missions to investigate the Earth's ice cover, oceans, land cover, biosphere, and atmosphere.

Astrophysics



Goddard is home to the James Webb Space Telescope (JWST), and the Hubble Space Telescope. Both will be an important component in NASA's quest to understand the Great Beyond.

Heliophysic



Goddard missions explore the Sun's activity and it's connection to the Earth

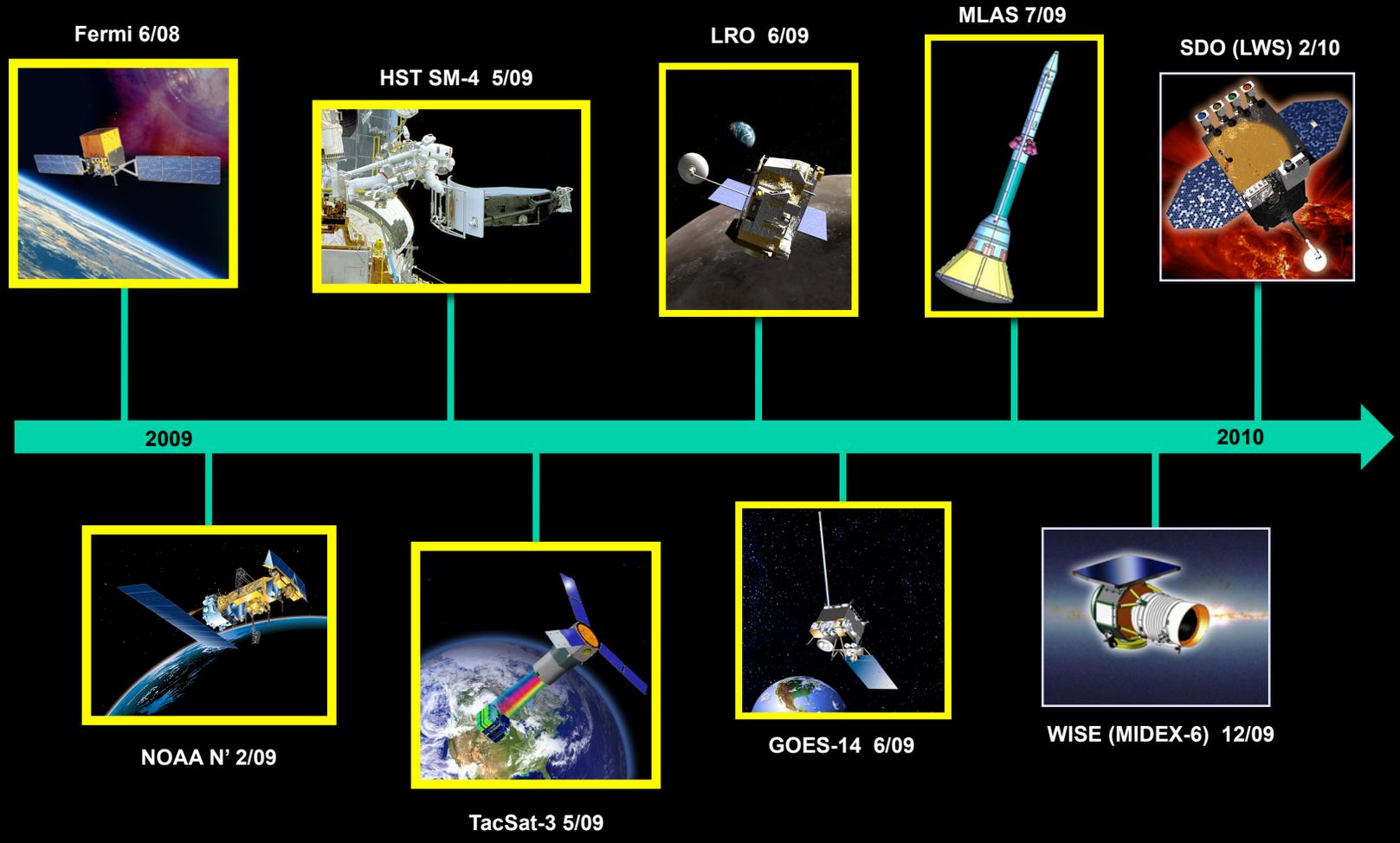
Planetary Science



Goddard has flown instruments to all the planets, many asteroids and comets – we are the world leader in planetary instruments



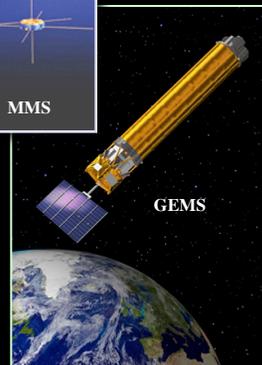
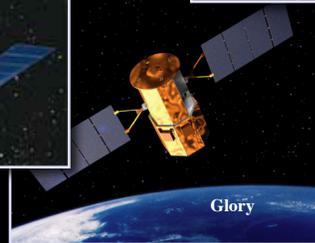
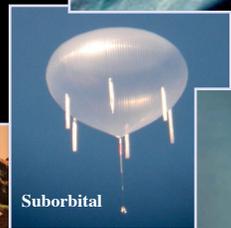
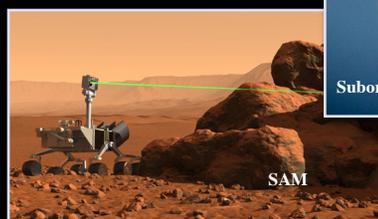
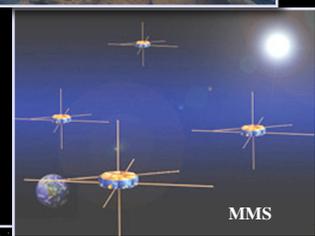
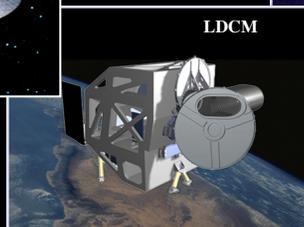
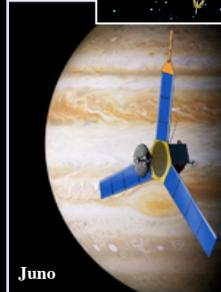
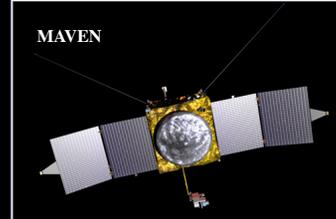
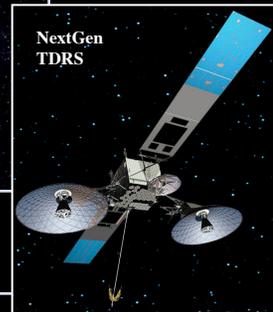
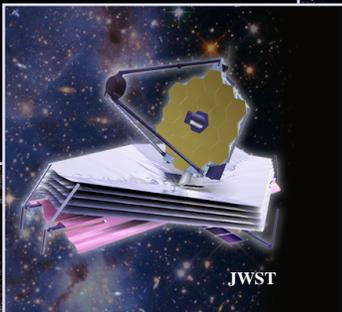
NASA GSFC Recent and Upcoming Missions



 Launched Successfully

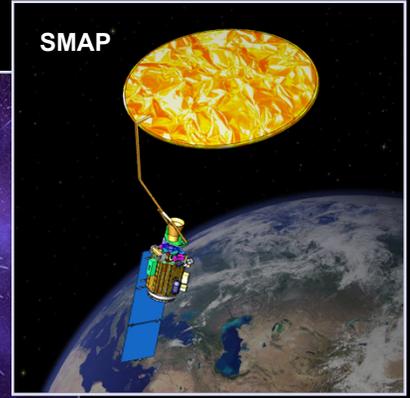
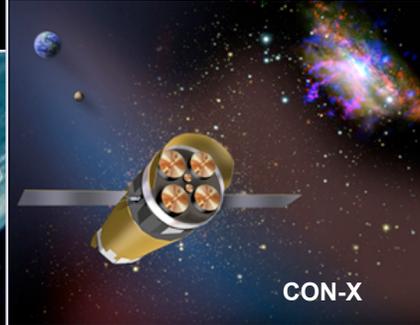
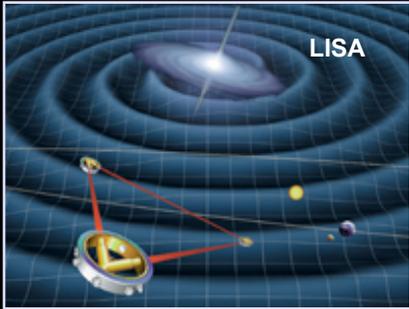


NASA GSFC Future Missions





NASA GSFC Emerging Missions



NASA GSFC's Diverse Mission Portfolio

