



Astrophysics 2012 Senior Review Presentation to AAS

Jaya Bajpayee

Program Executive for Operating Missions and
Physics of the Cosmos Program

Astrophysics Division



Senior Review of Operating Missions

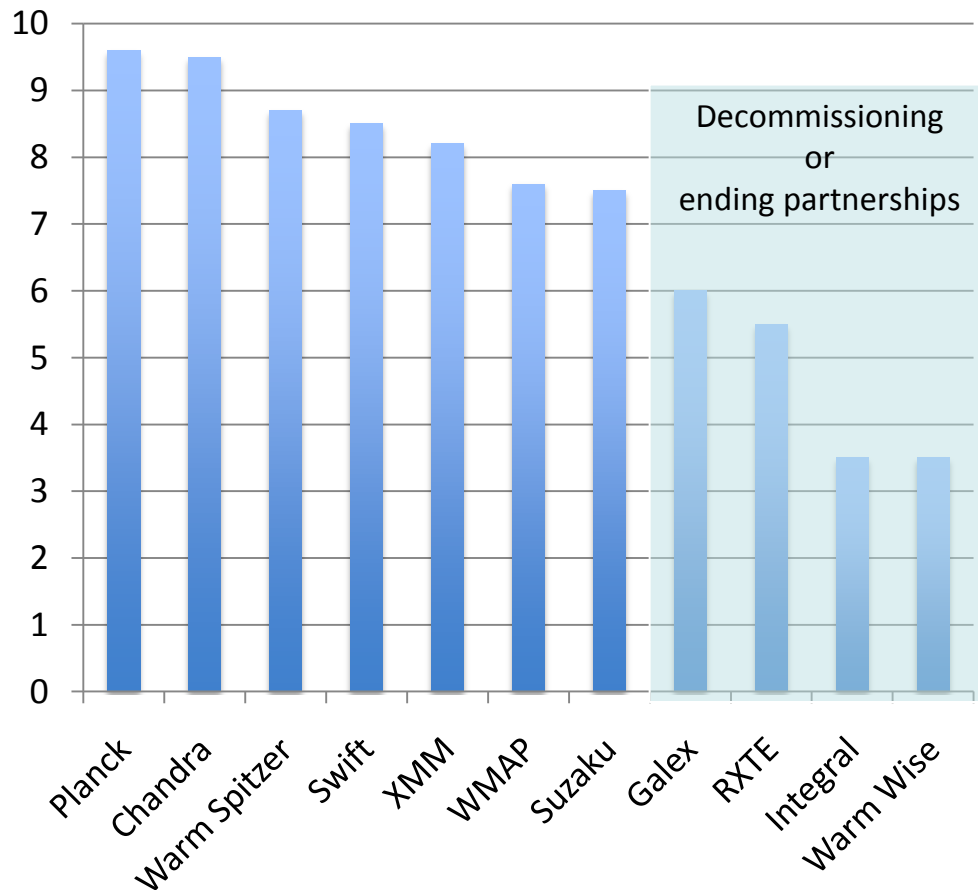
- The Senior Review assists NASA in maximizing the scientific productivity from its Operating Missions. NASA will use the findings from the Senior Review to
 - Prioritize the operating missions and projects
 - Define an implementation approach to achieve astrophysics strategic objectives
 - Provide programmatic direction to the missions and projects concerned for 2011 and 2012; and
 - Issue initial funding guidelines for 2013 and 2014 (to be revisited in the 2012 Senior Review).
- Held every two years, the Senior Review evaluates proposals for continued funding for its operating missions and programs. It is the highest level of peer review within the Astrophysics program
- Missions in this review include Great Observatories, Explorers, and Foreign led missions in which U.S is a minor partner



Senior Review 2010 Rankings

Rank ordering	
1. Planck (9.6)	7. Suzaku (7.5)
2. Chandra (9.5)	8. GALEX (6)
3. Warm Spitzer (8.7)	9. RXTE (5.5)
4. Swift (8.5)	10. INTEGRAL (3.5)
5. XMM-Newton (8.2)	10. Warm WISE (3.5)
6. WMAP (7.6)	

Astro SR 2010 Ranking





2012 Senior Review of Operating Missions

Invited Missions	
Planck	
Chandra	Hubble
Warm Spitzer	Fermi
Suzaku	Kepler
Swift	
XMM-Newton	

2012 Senior Review Schedule	
Draft Call for proposals	July 1, 2011
Call for Proposals	August 10, 2011
EPO SR Proposals Due	Dec 15, 2011
SR Proposals Due	Jan 15, 2011
EPO Section Review	Jan 23 – 25, 2012
SRC Meets	Feb 28-March 2, 2012
Final Report	March 30, 2012

- Suzaku invited to SR in September 2011 after the Division performed a review of the overall portfolio of operating missions



Changes since Astro SR 2012

Process Changes for 2012 SR

- Better defined process for inviting missions into Senior Review
 - Program Office held independent reviews to assess how mission in its prime phase has met or is on its way to meeting level-1 requirements
 - Fermi and Kepler underwent this review
- EPO review part of Senior Review 2012
 - In 2010, the EPO review was performed separately, after the Senior Review

New Projects in the Senior Review

- Kepler and Fermi were invited to participate in the Senior Review after completing L1 requirements review
- The Astrophysics Subcommittee had recommended (in 2009) that HST be invited to the 2012 Senior Review