



Astrophysics 2012 Senior Review
Presented to
AAAC

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Jaya Bajpayee

Program Executive
Astrophysics Operating Missions
& Physics of the Cosmos Program



Senior Review of Operating Missions

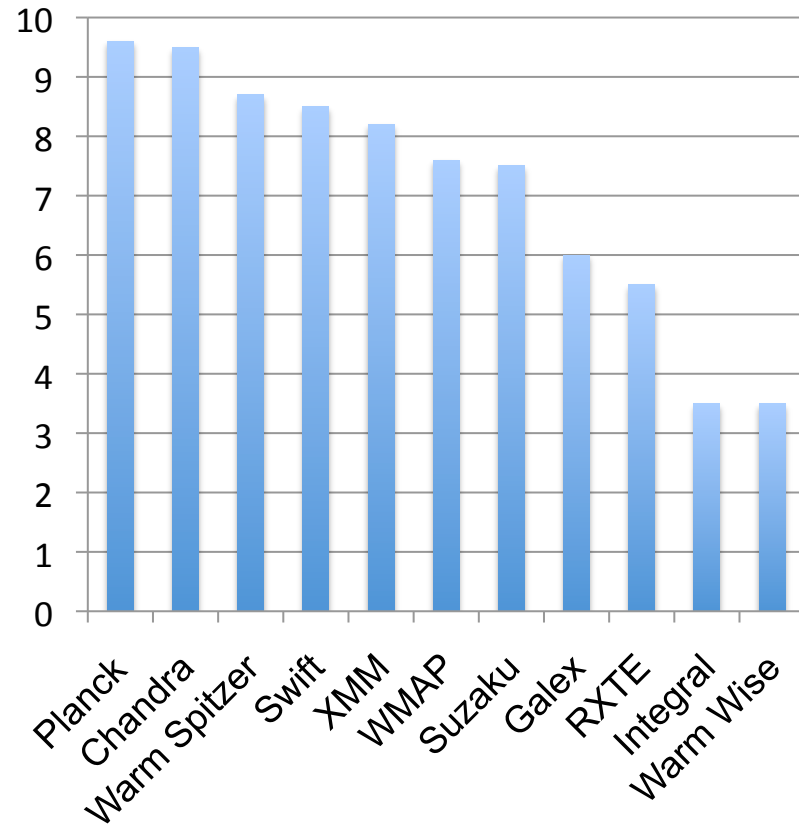
- The Senior Review assists NASA maximize scientific productivity from Operating Missions in extended phase.
- NASA will use the findings from the Senior Review to
 - Prioritize the operating missions and projects
 - Define an implementation approach to achieve astrophysics strategic objectives
 - Provide programmatic direction to the missions and projects concerned for 2013 and 2014; and
 - Issue initial funding guidelines for 2015 and 2016 (to be revisited in the 2014 Senior Review).
- Held every two years, the Senior Review evaluates proposals for continued funding for its operating missions in extended operations phase. 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 partner.



Senior Review 2010 Rankings

Rank ordering	
1. Planck	7. Suzaku
2. Chandra	8. GALEX
3. Warm Spitzer	9. RXTE
4. Swift	10. INTEGRAL
5. XMM-Newton	11. Warm WISE
6. WMAP	

Astro SR 2010 Ranking





2012 Senior Review of Operating Missions

Invited Missions	
Planck	Hubble
Chandra	Fermi
Warm Spitzer	Kepler
Swift	
Suzaku	
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

- Call for proposals and results of past senior reviews at:
<http://science.nasa.gov/astrophysics/2012-senior-review/>



Changes Since Astro SR 2010

- 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
- The Astrophysics Subcommittee had recommended (in 2009) that HST be invited to the 2012 Senior Review
- EPO review part of Senior Review 2012
 - In 2010, the EPO review was performed separately, after the Senior Review