

Project Scientist Perspective

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Suzaku highlights (2008–9)

- Important science results arising from Suzaku's unique capabilities
 - Cluster measurements beyond virial radius
 - Studies of relativistic Fe lines in AGN, Galactic sources
 - Broad band spectroscopy of AGN
 - Use of Mn/Fe ratio to constrain explosion models for Ia SNRs
 - Studies of diffuse soft X-ray emission, from solar wind charge exchange (SWCX) to Galactic halo to the intergalactic medium
- Science results highlighted at Otaru conference (July 2009)
- Initiated long proposals (AO3) and key projects (AO4)
- Beginning to see increase in publication rate from US GO's
- Almost no hardware issues
 - Second micrometeorite hit on XIS
 - XIS contamination has stabilized
 - HXD background systematics continue to improve
 - Larger energy band of GSO calibrated – higher sensitivity
- Continued community interest – high oversubscription in AO4

Need User Committee Advice/Help

- 2010 Senior Review proposal
 - Strategy
 - Science goals
 - Writing science highlights
- Key project selection process
- Constructive ways of raising GO funding issue awareness with NASA HQ
- Time and location of next Suzaku science meeting
- Increasing community, public awareness of Suzaku