

Effective Area WG Summary

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in place of H. L. Marshall

Purpose of this WG

- Establishing standard candles for the past, current, and future missions, originally.
 - Thermal SNR (by PP)
 - Non-thermal SNR (by MT)
 - WD/NS (by VB)

These all aim at effective area calibration.
- Cross-calibration by means of coordinated observations of variable objects.

How to proceed from now ?

1. Supporting activities of current projects.
2. What to do for coordinated project in the future.
3. How to open the results.

Supporting activities of current projects

- Blazars in general (by MS).
- PKS2155-304 (by MI).
- Cyg X-1 (lead by Nowak): 2008 Apr.
 - Chandra, XMM. Suzaku, RXTE, Swift, INTEGRAL
 - Conference paper already exists.
 - Ask Nowak to participate in the next IACHEC meeting for report.
- Cen-A (by ???): 2005 Dec.
 - Suzaku HXD (Nakazawa)
 - Ask Nakazawa for the status.
 - Invite someone for status report.

What to do for coordinated project in the future

- No action from IACHEC for coordination.
- Collect data from
 - ToO observations.
 - Coordinated observations for science purpose.
- Contact persons

Chandra	Marshall	XMM	Stuhlinger
Swift	Beardmore	RXTE	Jahoda
Suzaku	Tsujimoto	Fermi	Thompson
INTEGRAL	Roques		

How to open the results

- Papers on refereed journals
 - Thermal SNR (by PP)
 - NT SNR (by MT: Crab and others separately)
 - PKS2155-304 (by MI: This year)
 - Blazars (by MS)
- Spectra and response on web pages
 - So that each scientist can check accuracy of cross calibration for their own data.
 - Spectral slope/normalization etc. may be different in different energy bands.