



Path to IACHEC 2010



Outline

- Working Groups (WGs) status
- Summary of last year achievements
- Goals for the next year
- Advertising the IACHEC
- Web pages

[Points for the discussion]



WGs status

- Mature
 - Clusters (JN/LD cluster sample)
 - Effective area (PKS2155-304, MSm/HMa blazar sample)
 - Line-dominated sources (1E0102)
 - Plucinsky et al. (2008), SPIE
 - White Dwarfs (“*Supersoft sources?*”) (Sirius B, GD153 + RXJ1856)
 - Kaastra et al. (2009), A&A
- (Re-)starting
 - CTE/I
 - High-resolution (Capella)
 - Non-thermal SNR (Crab, G21.5-0.9)
 - Timing (Crab) - **Finished**
- Dormant ➡ **Dead**
 - Isolated Neutron Stars (“The King is dead, long life the King”)
 - Energy calibration



Main results

- Quantitative assessment of the status relative effective area calibration among operational missions
- Feedback to the *Chandra* contamination model
- Feedback to the *Chandra* HRMA calibration refinement
- Benchmarking of He- and H-like intensity ratios as an absolute temperature calibration diagnostics
- Feedback on the EPIC-pn and MOS redistribution calibration
- Feedback to the RGS effective area
- Benchmarking of WD physical models

X-ray Calibration in the XXI century means cross-calibration

The community needs to be aware to these results

Our funding Agencies need to know that the community knows

Goals for 2009-2010





Goals for 2009-2010

- Mature WGs
 - Publish refereed papers
 - Clusters
 - 1E0102
 - PKS2155-304
 - Blazar sample



Goals for 2009-2010

- Mature WGs
 - Publish refereed papers
- (Re-)starting WGs
 - Publish refereed papers
 - G21.5.0.9
 - Crab



Advertising the IACHEC

- Publish refereed paper and present them to conferences
- General purpose poster:
 - **Action 2009/1 on MG:** prepare a draft poster and circulate it to the WG Chairs for comments by **15 July**
 - **Action 2009/2 on MG:** draft a list of conferences, that we may wish to cover in the next year with *at least* this poster **together with A2009/1**



Web pages

- Update the web pages
 - Link to HEASARC effective area repository
 - Check and update WG membership page
 - [proposal by K.Jahoda]: create a repository of calibration paper from the IACHEC web page:
 - General papers describing instrument calibration
 - Papers describing the results obtained by the WGs (or related to IACHEC activities)
- **Action 2009/3 on WG Chairs:** send MG a list of changes of the WG memberships **by 12 May**
- **Action 2009/4 on MG:** update the IACHEC WG web page including the paper repository (on the basis of a preliminary work done by KJ) **by June 15**
- **Action 2009/5 on AP:** draft a formal IACHEC acknowledgment **by June 1**



Hosting the IACHEC web pages

- An institute/agency available to host the IACHEC web pages is wanted
- Conditions:
 - Web pages layout should remain “neutral” (i.e. not directly associable to the host institution)
 - Management of the page should be under the responsibility of a IACHEC member
 - Minimal changes to the current structure required
 - Twiki
- **Action 2009/5 on ALL: send MG offers, subject to the above conditions by May 29**



Next IACHEC meeting program

- [I assume that a series of papers will have been published by the IACHEC 2010]
- Holes in our mission coverage (Astrosat, Fermi).
How can we cover these holes?
- Special guests (Novak? *CenA?*)
- Changes needed to the meeting structure?
- After 5 years, time is ripe to reflect on our legacy:
 - Specific session on “defining a calibration legacy program for future missions”?
 - Absolute/relative calibration?
 - Statistical methods?

5th IACECH meeting venue



- H.Marshall's proposal:
 - Location: Woods Hole Oceanographic Institution (75 kms south of Boston)
 - Period: April 11-16, 2010
 - Cost: 170\$/day + 2500\$ for the conference facility (includes room and board, “mixer” for beer, conference banquet, bus from the airport, possibly 2 pre-meeting meals)
 - [it should have been already booked ...]
- Alternatives (attached with the IACHEC name willing to follow it up, please ...)?



Isihda-san: ありがとう