

CCD Issues Working Group

Renamed to better reflect
members' more general
interests

Meeting Summary

- Representatives from all (current) CCD missions (ACIS, pn, MOS, XRT, XIS, MAXI)
- Although differences in architecture & operations, many common areas of interest
- Discussion of
 - CTI monitoring, evolution, modeling and correction

Purpose of Group

- Provide a forum for cross-mission discussion and comparison of CCD-specific modeling and calibration issues
- Produce documents (SPIE level) discussing these comparisons, pros/cons of each approach
- Produce a document (A&A level?) discussing lessons learned & best practices for CCD-based instruments,

Short-term Goals

- Provide structure for organizing/sharing information (wiki)
 - Library of links to key papers and memos, indexed by mission, topic (i.e. CTI monitoring, correction, etc)
- Establish three sub-groups for detailed study of topics of special interest
 - Residuals around Si-K edge (Miller)
 - CTI correction, energy dependence of CTI (Beardmore)
 - Challenges in calibrating timing modes (Tsujimoto)