

MIT Kavli Institute and Space Research

## **HETG - Status**

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## Ongoing HETG Team Activities Summary

- HETG Performance (Sept. 2011 -- Feb. 2012)
  - 29 HETG obsids on 13 Science + 1 Cal targets
    - \* Included GTOs: GX 349+2(Cy12), HD 97950C.
    - \* HETG w/HRC-I obsid 13712
  - HETG performance is nominal.
  - LETG usage: 5 obsids on 3 Science + 2 Cal targets
- Science Support to CXC
  - HETG Calibration w/E0102 3 epochs, next page.
  - TGCat



Part of the IACHEC calibration activities, continuing the work of Plucinsky et al. (2008, SPIE)

## Ongoing HETG Team Activities, cont.

- GTO Science Program
  - Cycle 13:
    - ✓ AGN: 3C 445 [420 ks]
    - XRB: SMC X-1 [260 ks] (June, Aug. 2012)
    - ✓ Star: HD 97950C [50 ks]
  - Cycle 14:
    - Targets submitted, incl.: 600+ ks on M31 (no GO conflict)
      - Many sources (XRBs, SNRs), complements imaging obs.s
  - Postdoc status:
    - Two HETG Postdocs: high-res SNR and XRB.
      - One received Einstein Fellowship, leaving this Fall (to BU).

