HETG - Status

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Ongoing HETG Team Activities Summary

- **HETG Performance** (March 2011 -- Aug. 2011)
  - 42 HETG obsids on 13 Science + 1 Cal targets
    - Includes our GTOs: SN 1987A, Mkn 841, GX 349+2, 3C 445.
  - HETG performance is nominal
    - FWHM of streak is stable.
  - LETG usage: 21 obsids on 6 Science + 4 Cal targets

- **Science Support to CXC**
  - Supported Candra Peer Review (2 panelists)
  - TGCat migrated to new server; observations up-to-date.
    - http://tgcat.mit.edu/
Ongoing HETG Team Activities, cont.

- GTO Science Program
  - Cycle 12 left-over:
    - XRB: GX 349+2 (20 ks left, scheduled in Oct.'11)
  - Cycle 13:
    - AGN: 3C 445 [420 ks]
    - XRB: SMC X-1 [260 ks] (approved in Peer Review)
    - Star: HD 97950C [50 ks] (~ Nov.'11)
  - Postdoc status:
    - Two postdocs selected and now on-board.
Science: Massive Blackhole at Our Galaxy Center

- 3 Ms (!) XVP with HETG to observe Sgr A* (PI Baganoff, MIT)
- Quiescent accretion studied with Fe lines
- Measure flare spectra without pileup effects
- Large team of investigators: Multi-wavelength Obs., Theory, HETG