



MIT Kavli Institute
for Astrophysics
and Space Research



HETG - Status

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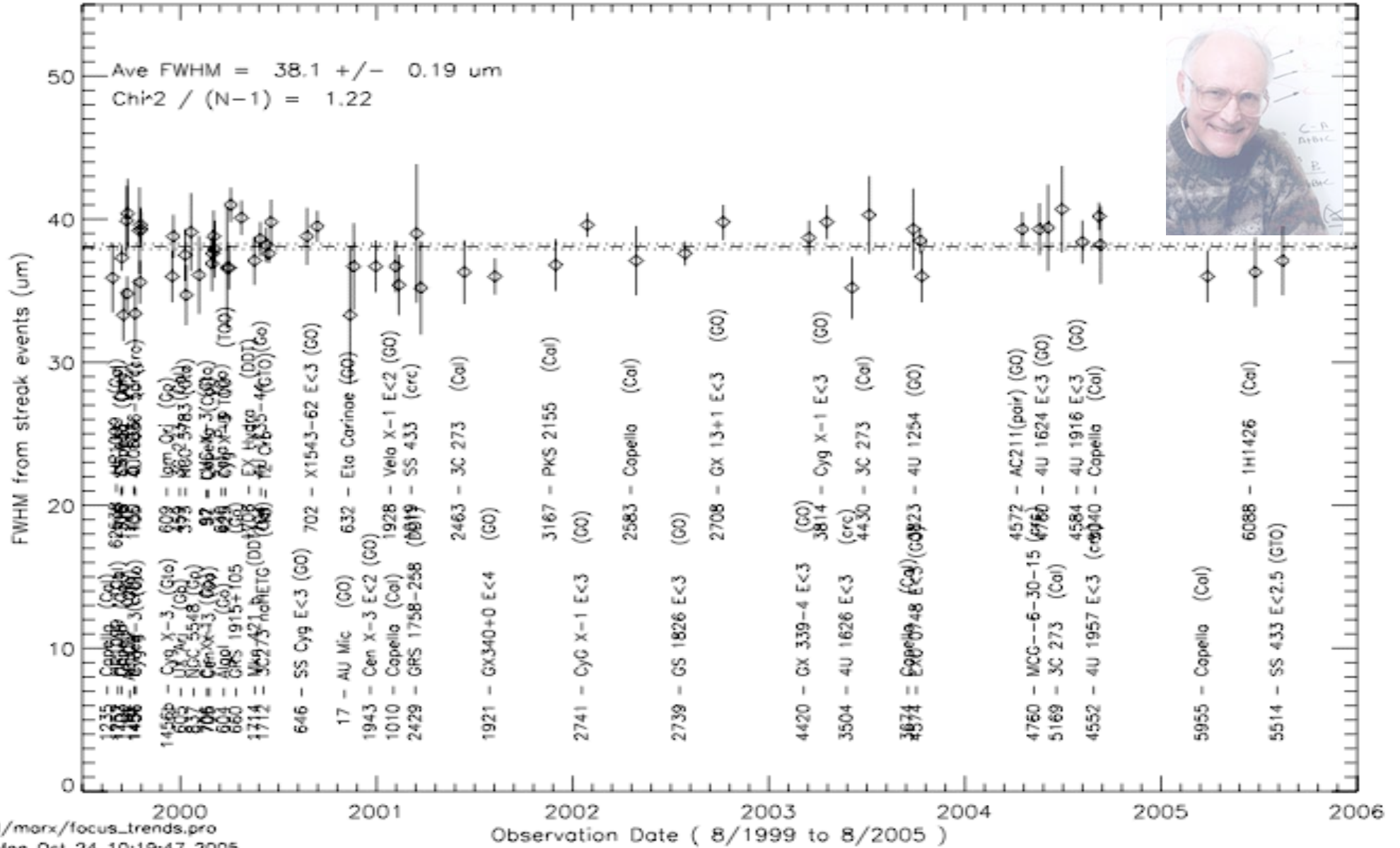
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Ongoing HETG Team Activities Summary

- HETG Performance
 - 36 HETG obsids, May - October 2005 (9 our GTO, 1 Cal, 2 DDT)
 - Monitoring HRMA FWHM - 2 Cals and SS 433 added - **next slide**.
 - HETG performance is unchanged and nominal.
- HETG Calibration
 - HETG instrument paper published, PASP, 117, 1144.
 - Relative HEG/MEG efficiencies calibrated, Marshall/CXC-Cal
 - New HEG and MEG efficiencies submitted to CALDB.

Zeroth-order 1D FWHM vs Time



3l/morx/focus_trends.pro
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Ongoing HETG Team Activities, cont.

- Science Support to CXC, etc. - None of note this period.
- GTO Science Program
 - GTO Targets set for Cycle 7
 - Post Docs: continuing cycle of 3 for 3 years.
- HETG Science Examples:
 - 6 Years of Chandra: M81*, SS 433, MCG--6, Cas A

Cycle 7

Object	Science Theme
4U 1728-34	XRB
NGC 6240	AGN
DX Cha HD104237A	“Cool” Stars

HETG Post Docs

As part of its [GTO Science Program](#), the HETG group supports ~ three postdoctoral associates who are given relatively free reign to carry out self-motivated research related to the HETG and high-resolution spectroscopy.

