

# Coordinated Observations WG

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3/30/17

# Working Group Objectives

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- ❖ General
  - ❖ Coordinate new joint observations
  - ❖ Analyze joint observations
  - ❖ Publish results
- ❖ This meeting
  - ❖ Status of cross-cal projects
  - ❖ Planning for new coordinated observations

# Status of Current Projects

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- ❖ KKM: Swift / NuSTAR cross-cal with XRBs
  - ❖ big differences at low E end — dust halo?
  - ❖ Her X-1 and others: not halo effect
  - ❖ Discrepancies between extractions, need for uniformity
- ❖ 2012, '15, '16, '17 3C 273 with INTEGRAL & NuSTAR
  - ❖ LN: same to  $10 \pm 10\%$ , will publish
- ❖ XMM-Chandra Blazar sample: still in process
  - ❖ Chandra and XMM calibrations now stable
  - ❖ HLM & IV to continue

# New Work on Coordinated Data

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- ❖ Generally:
  - ❖ One person leads, collects GTIs, computes overlaps
  - ❖ Rest use overlap GTIs and provide spectra
  - ❖ Contacts: Chandra: HLM, SPI: EJ, IBIS: LN, XMM: MS, Swift: AB / JaKe, NuSTAR: KKM / KF, NICER: CM, HXMT: LS
- ❖ 2015, '16, '17 3C 273 with NuSTAR+; KKM will coordinate
- ❖ 2018 3C 273 with NICER+; CM will coordinate
- ❖ Others (with analysis lead):
  - ❖ GX 13+1: NSS
  - ❖ MAXI J1820: EJ
  - ❖ Capella: VK & JeKa from many years
  - ❖ Her X-1: PK (XMM) lead