INTEGRAL Status@ GSFC

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Current INTEGRAL Activities at the HEASARC

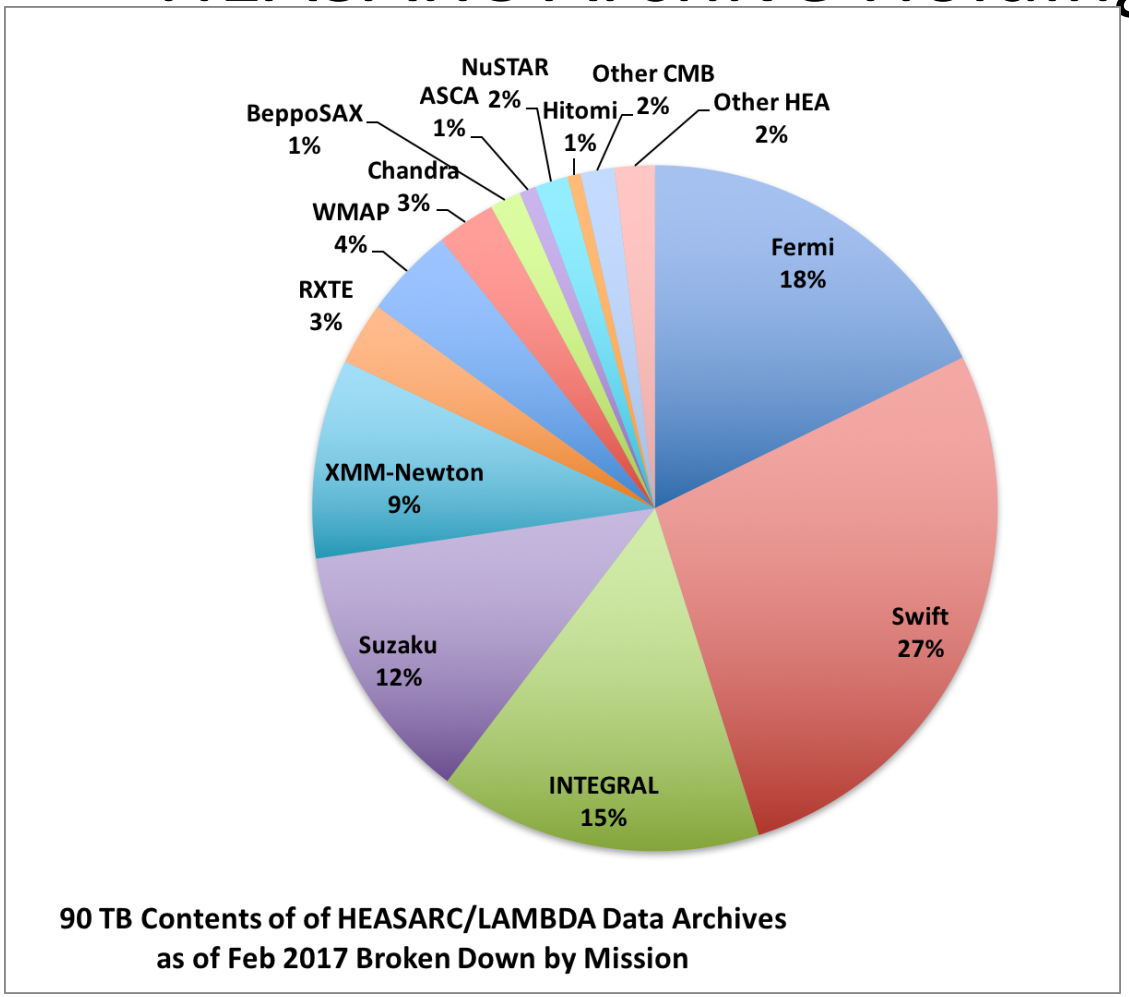
- The HEASARC maintains 18 searchable INTEGRAL catalogs including published catalogs in the literature.

- This includes an up-to-date mirror to the INTEGRAL data archive containing all public data (downloaded from the ISDC).
  - The archive includes all publically released data including ToOs and Galactic monitoring programs as they become available as well as up-to-date housekeeping data.
  - The HEASARC does not support the download of proprietary GO data or data for analysis of other sources in the FOV, i.e. “data rights” data.

- The HEASARC maintains the INTEGRAL GOF webpage including links to INTEGRAL news (including RSS feeds) and an INTEGRAL help desk.

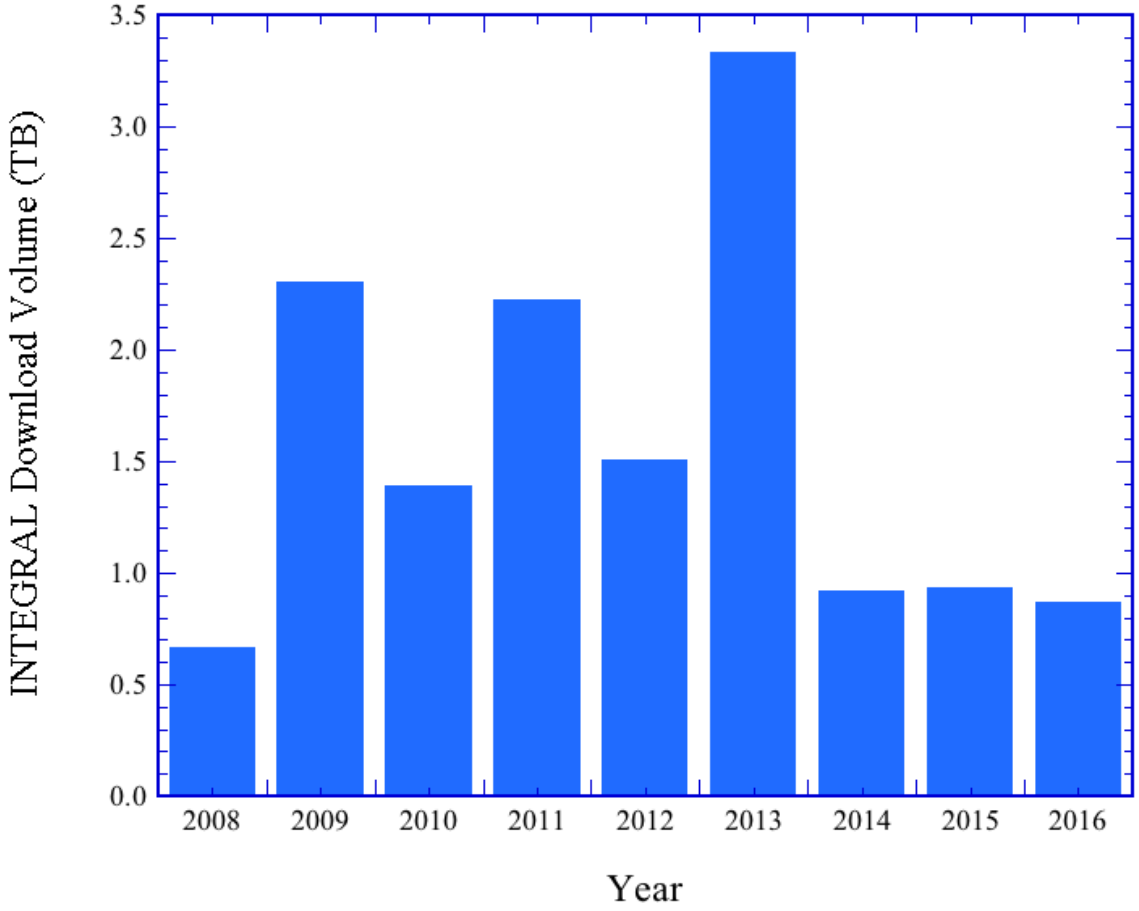
- HEASARC personnel remain a point of contact between ESA and NASA.

HEASARC Archive Holdings



- The INTEGRAL archive at the HEASARC is the third largest mission archive behind Swift and Fermi.

HEASARC Data Download Volumes



- Downloads of INTEGRAL data from the HEASARC have averaged ~1.6 TB per year since 2008 and have been roughly constant over the last 3 years.

- Keep in mind that the HEASARC does not support the download of either proprietary or “data rights” data.

INTEGRAL Research in the US

- The ESA-INTEGRAL webpage lists 87 INTEGRAL-related refereed publications in 2016-2017 (as of 17-Feb-2017)
- 49% of these papers had US authors (20 with US first authors).
- Many of these papers represent collaborative science utilizing data from NASA-led missions such as Fermi, Swift, Chandra, and NuStar.
- In the current INTEGRAL observing cycle (AO-14), of the 53 selected proposals only 4 had US PIs. The number of US CoIs is not a available.

Fermi-INTEGRAL Joint Program

- In Fermi Proposal Cycle 10 (deadline 24 Feb 2017), there was a Fermi-INTEGRAL joint program agreement
- Investigators at US institutions proposing to the Fermi program could request INTEGRAL observing time.
- 300 ksec of INTEGRAL observing time was made available
- ESA personnel will review requests to ensure the proposal is not in conflict with existing INTEGRAL observations