

INTEGRAL Contract ASI-INAF I-2013.25.RO 2013-2016



IUG 4-5 February
2015
ESAC

P. Ubertini
IBIS Status Report

Support from ASI and INAF to INTEGRAL in the next years

- ASI is supporting the program till end 2016, with possible 3 years extension, according with the ESA decision (plus 2 years after end of operations, now re-planned by the new ASI management, i.e. see the Planck and Herschel programs).
 - The level of support is about 0.5 M€ for the years 2014-2016, via a direct contract to the PI
 - INAF is also supporting the program with 10 FTE/Year (salaries and other cost, clean room facility for IBIS FS etc) corresponding to about 800 k€/year
- So the total support from Italian side is exceeding 1 M€/year, till end of 2016.
- IAPS has provided a new high performance “Blade” server for science data analysis in order to replace the “AVES” cluster so far used.

Support from ASI and INAF to INTEGRAL

Contracts on going, supported by ASI

Scientist:

- M. T. Fiocchi IAPS-Roma now staff member
- F. Panessa IAPS-Roma ASI contract
- R. Landi IASF-Bologna ASI contract
- M. Molina IASF-Bologna ASI Fellowship
- S. Lotti IAPS-Roma ASI contract
now on ATHENA
- U. Zannoni (informatic) IAPS-Roma ASI contract

Plus about 10 scientist and engineers full time in different Italian Institutes

IBIS STATUS

Update since may 2014

we have a tested procedure to:

- DISABLE S7 packets production (PICSIT Science Histograms)**
- configure ISGRI in case of Bright Source to be used in case of need for a source flux > 2 Crab like**
- DISABLE S5 packets production (PICSIT Calibration Histograms) during pointing and slew**
- Attempt to DISABLE S2 packets production did not work**

BUT

the presence of S2 packets have a very little impact on TM and it has been demonstrated that S2 data give very little contribution to the ISGRI dead-time