

Archivio Dati Tirgo

<http://tirgo.arcetri.astro.it>

File Edit View Go Bookmarks Tools Window Help

http://archivio-ir.arcetri.astro.it

Home Bookmarks Google Klachint Klycnet freshneat Repubblica? Disher P&P site SmartIplata WebMail

Slysoft - Astronomical software... Repubblica.it - economia - Italia... Tirgo IR Archive



Tirgo IR Archive

We have assembled a complete archive of Arcetri NICMOS3 based infrared instruments ([ARNICA](#) and [LongSp](#)), with all available information stored in a public database. [All ARNICA data till 11/2003](#) are currently available.

We note that data will become publicly available only one year after being acquired.

The sky coverage of data is available in [equatorial coordinates](#) and in [galactic coordinates](#).

The main activity areas are:

- Collection of all data on [CD-ROM](#) support, and transfer of all data stored in the old [Worm](#) disks to the more convenient new support. This transfer has been already completed (5/96). The links present in the database are:
 - Arcica 1, 2B, 3AB, 4B, 5AB, 6AB, 7AB, 8A, 9V E, 10A-WHT, 11A/B, 12A/B, 13AB, 14A/B, 15A/B, 16AB, 17A/B, 18A/B, 19AB, 20A/B, 21A/B, 22AB, 23A/E, 24A/B, 25A/B, 26A/B;
 - Arcica LongSp: 27, 29, 29, 30, 31, 32, 32, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 68, 73, 71;
 - Arcica NOT1A/B, NOT2A/B, NOT3, NOT4, NOT5, NOT6, NOT7, VATT8, VATT9, VATT10, VATT11, TNG12, TNG13, TNG14, TNG15, TNG16, TNG17, TNG18, TNG19, TNG20, TNG21, TNG22, TNG23;
 - LongSp 1, 2A/B, 3A, 4A/B.
- Collection of logbooks and all relevant information from FITS headers. This phase is the most cumbersome, and we ask the collaboration of all observers.
- Starting of a back-up copy of all data present in the database with all relevant information format to a new series of CD-ROM or DVD-ROM. All data will be arranged in a per-measurement basis, while retaining the data ordering.
- Maintaining a Web interface to the global database for public accessibility.

The archive interface is available [here](#).

All data till 5/2004 are currently available.
The help and some tips are available [here](#).

Attention: on 5/2002, our strategy to recover absent or corrupted data has changed. If you rely on these data, please give a check.

Note that the standard location of TNG data is the Official [TNG](#) Archive which will also contain all telescope informations. TNG-Arcica data are made available here with only the data acquisition metadata.

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Strumenti fornitori

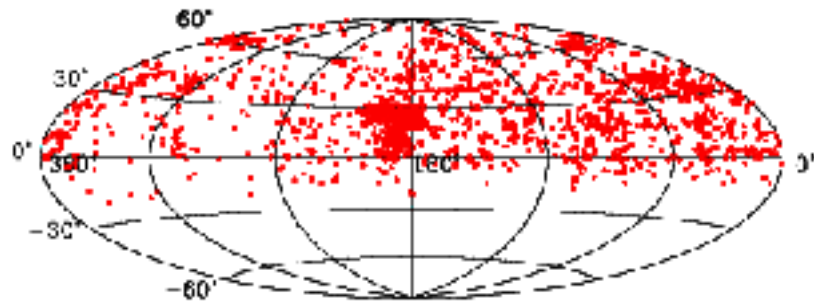
◆ ARNICA	298 474 files
◆ Dati TIRGO	73%
◆ Dati WHT	0.5%
◆ Dati SOR	0.8%
◆ Dati NOT	8.5%
◆ Dati VATT	4.8%
◆ Dati TNG	12%
◆ LongSp	36 264 files
◆ Dati TIRGO	100%

Tipologia di dati

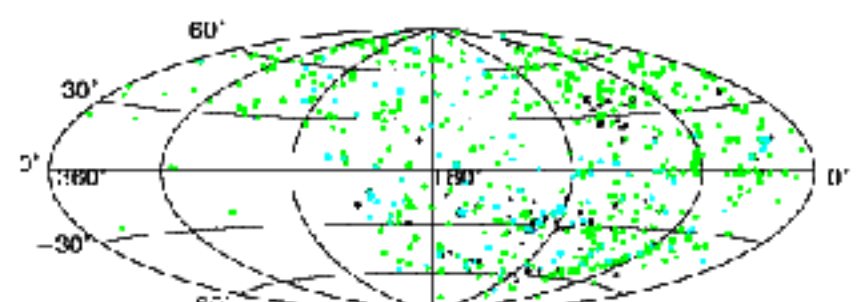
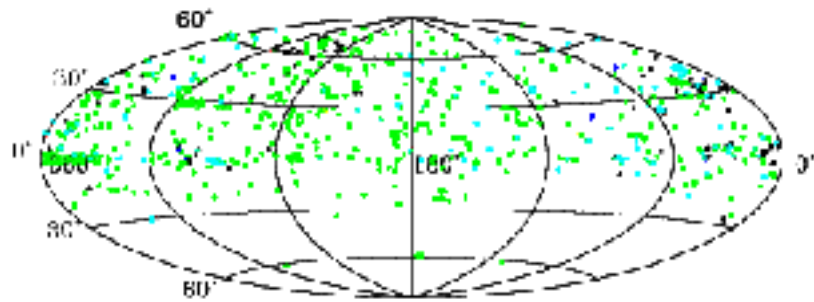
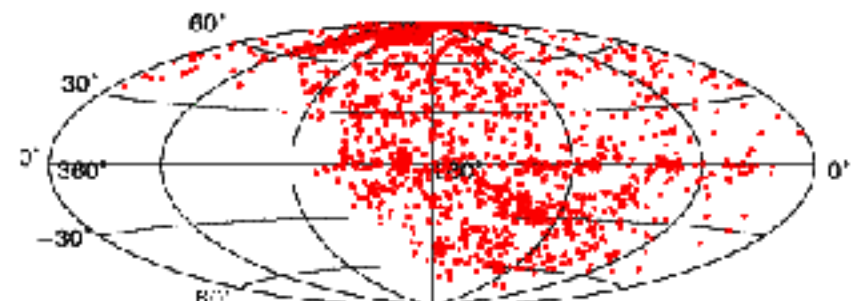
- ◆ Immagini Arnica (~298 000)
- ◆ Streams Arnica (418)
filmati di eventi veloci e occultazioni lunari
- ◆ Spettri Arnica (<100)
- ◆ Spettri Longsp (36264)

Copertura del Cielo

Sky Coverage for TIRCO Archive



Sky Coverage for TIRCO Archive



(Galactic Coords)

Red - TIRCO Observations
 Yellow - SGR Observations
 Green - INS Observations
 Cyan - VATT Observations
 Black - NOT Observations
 Blue - WHT Observations

(Galactic Coords)

Red - TIRCO Observations
 Yellow - SGR Observations
 Green - INS Observations
 Cyan - VATT Observations
 Black - NOT Observations
 Blue - WHT Observations

Interfaccia di Ricerca

The screenshot shows a web browser window with the following content:

- Browser address bar: `http://archivio-ir.arcetri.astro.it/cgi-bin/w3-irsoq/archivioIndex.html`
- Navigation bar: Home, Pagine varie, Google, Kaskint, Mysoft, freemove, Repubblica.it, Filter, 404 site, Smart Index, WebMail
- Tab bar: Skysoft :: Astronomical software..., Repubblica.it = economia - B... Archived: Dati TIRGO
- Page header: [CAISMI - CNR](#)
[Osservatorio Astrofisico di Arcetri](#)
ARCHIVIO DATI TIRGO
Search on Arnica database
- Section: **Archive Search**
- Options: Get only "Woods" filter frames (fast) Get all normal frames (slow)
- Search fields:
 - Slack:
 - Acquisition date:
 - Observer:
 - Source: #30
 - Filter:
 - Measure Number:
 - Right Ascension:
 - Declination:
 - Search from Measure:
 - Max record to return:
- Box search fields:
 - All box center (hours): (minutes):
 - Box half size (arcmin):
 - Box not center (degrees): (arcmin):
- Buttons:
- Text: The search can take up to 10 seconds.
- Footer: [Help and Tips!](#)
For Information and Bug Report mail to irsoq@arcetri.astro.it
 [Archive Home](#) [Labir Home](#)

Dettagli di un record

The screenshot shows a web browser window with the following content:

CAISMI - CNR
Osservatorio Astronomico di Arcetri
ARCHIVIO DATI TIRGO
Full files details

Record N. 93477

Disk: NIR_71
Directory: 04_apr/apr_21/1
Filename: 31160014 [Get Data File](#)
Measure Number: 63
Acquisition Date: 20040420
Acquisition Time: 19:24:31
Instrument: ARNICA
Telescope: TIRGO
Observer: Giova Piero
Source Name: SA0062010000
Right Ascension: 10:28:46.6
Declination: 36:42:27.7
Epoch: 1950.0
Alt-az: 1.02
Filter: 1200
Elementary Integrations: 10
Integration time on array: 1.0
Decimal Right Ascension: 10.47961
Decimal Declination: 36.70769
Filekey: 071-063-31160014

SA0062058
SA0062058

[Help and Tips!](#)

For Information and Bug Report mail to [me](#)

 [Archive Home](#) [Labir Home](#) 

Costruzione e aggiornamento

- ◆ I dati sono trasferiti dal calcolatore di acquisizione ad un calcolatore di accumulo, alla fine della notte.
- ◆ Il calcolatore di accumulo, organizza i dati in base al giorno giuliano, mese ed anno.
- ◆ I dati sono trasferiti su un supporto temporaneo (CD)
- ◆ I CD vengono portati ad Arcetri
- ◆ I CD vengono controllati, ripuliti e duplicati
- ◆ I dati vengono immessi nell'archivio centrale.
- ◆ Uno script perl estrae le informazioni dagli header e produce un file *comma-delimited*
- ◆ Le informazioni degli header vengono importate nel database.

La struttura del database

- ◆ Motore DB: MiniSQL
- ◆ Linguaggio gestione DB: script MiniSQL
- ◆ Interfaccia utente: plain HTML + script MiniSQL
- ◆ Gira su un Athlon 2500 con disco sistema e DB da 20Gb + disco 80Gb per le immagini
- ◆ Backup su DVD: il database cambia lentamente
- ◆ Basso traffico: 9000 visitatori nel 2004

Sviluppi Futuri

- ◆ Già pianificato:
 - ◆ la sostituzione del server
 - ◆ Sostituzione del DB con MySQL
 - ◆ Cambio linguaggio di interfaccia al PHP
- ◆ Collegamenti con l'esterno
 - ◆ Aggiunta interfaccia VO