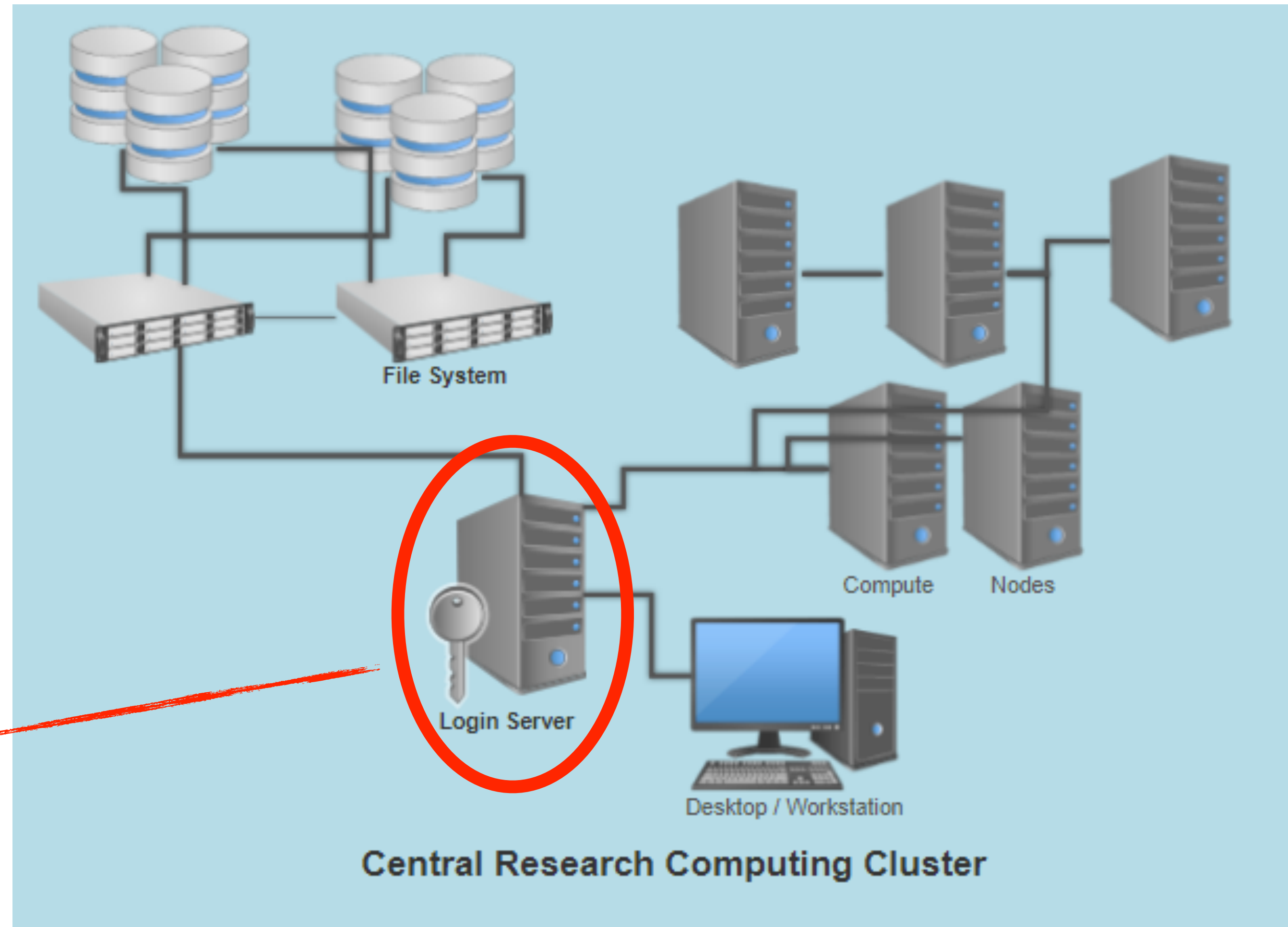


# Cluster@OAS

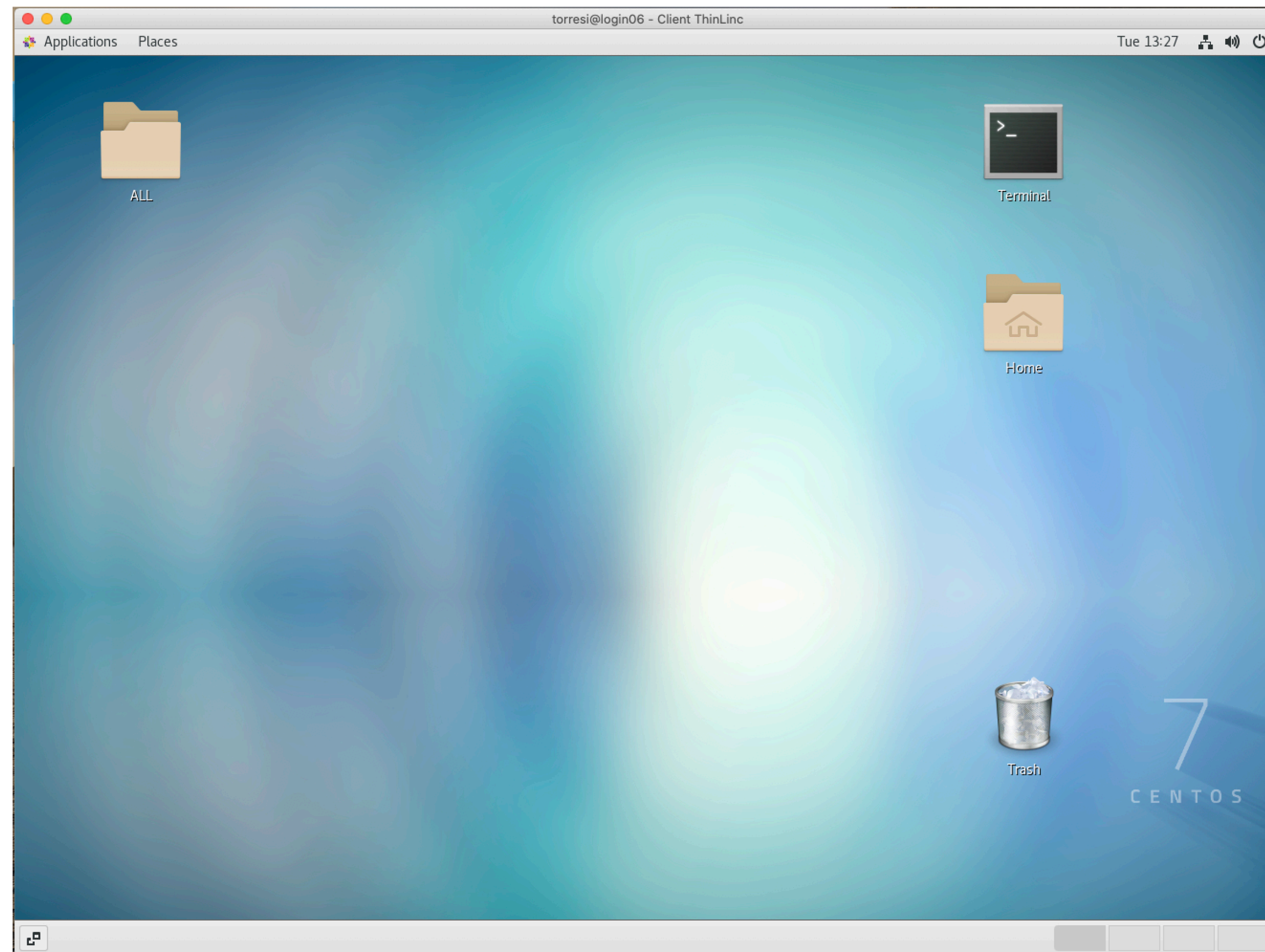


login06

- Scientific software
- Data

# ThinLinc

ThinLinc is a Linux Remote Desktop server.  
It is useful to speed up some tasks of the data reduction.



**1 license  
per group**

See the instructions for download and installation



```
> ssh -X gruppoXX@login06.iasfbo.inaf.it
```

```
> password
```

```
> cd /blasco/users/gruppoXX
```

# Important notes:

1) The working directory is **`/blasco/users/gruppoXX`**

2) Do **not** work in the directory `/home/gruppoXX` directory

If for some reasons you are in `/home/gruppoXX`  
please, use the command `cd /blasco/users/gruppoXX`



```
> ssh -X gruppoXX@login06.iasfbo.inaf.it
> password

> source setup.login06.sh

> heainit (HEASOFT)
> sas      (SAS)
> heainit  (HEASOFT)
```

bash

```
> ssh -X gruppoXX@login06.iasfbo.inaf.it
> password

> source setup.login06.sh

> ciao

> heainit (for XSPEC)
```

XMM-Newton data reduction

Chandra data reduction

# Set-up commands for NGC 3783

Groups 2 and 9 only

tcshell

- 1) Login to the “Cluster” → type
- 2) “**ssh -X [gruppo02@login06.iasfbo.inaf.it](mailto:gruppo02@login06.iasfbo.inaf.it)**”
- 3) Change the working shell → type “**tcsh**”
- 4) this will move you into the “/blasco/users/gruppo02” working directory and set-up the scientific software that you are going to use.
- 5) Go closer to where the data are... →
- 6) type “**cd obs1/0112210501/reduction**”
- 7) Setup the right directories tree → type “**source sas\_set.csh**”
- 8) Go where the data (evt lists) are.... → type “**cd light\_curve**”
- 9) you will find some files... **pn.evt** and **clean.evt** ... these are the event lists raw (pn) and cleaned (clean) for the soft-p<sup>+</sup> flares...
- 10) Enjoy!

## How to copy the downloaded file from your laptop to your working directory

FTP clients (Fugu, Cyberduck, Filezilla, etc.)

`scp filename gruppoXX@login06.iasfbo.inaf.it:/working directory`

# X-ray Laboratory 2023

13 November 2023 to 1 December 2023

Europe/Rome timezone

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## CONFIGURATION/SETUP



-> Instructions for Remote Desktop connection

-> General instructions for software setup

