

GRANGE OBS. OPERATIONS

- NOTICE: From December 2017 the Grange Observatory, located in the Italian Western Alps, will be closed for winter.
Activities shall resume in 2018, depending on the local weather conditions restoring.

- Photometers status

In the photometer at the 0.14-m astrograph (field 32x32 arcmin) the Vilnius VI filter was removed, swapping the relative position in the filter wheel with a grating for spectrographic studies; the Johnson BVR and Vilnius S channels are still present. The Sloan, GAIA DR1 G and the CYAN-ORANGE channels at the 0.3-m (field 17x13 arcmin) photometer are working nominally.
All the flat fields shall be updated in 2018.

- Flat Fields status

telescope-camera	filter	peak ADU	date
0.14-m SXL8	Johnson B	-	-
0.14-m SXL8	Johnson V	-	-
0.14-m SXL8	Johnson R	-	-
0.14-m SXL8	Clear - spectro	-	-
0.14-m SXL8	Vilnius S	-	-
0.3-m QHY6	Sloan g	-	-
0.3-m QHY6	Sloan r	-	-
0.3-m QHY6	Sloan i	-	-
0.3-m QHY6	CYAN	-	-
0.3-m QHY6	ORANGE	-	-
0.3-m QHY6	GAIA DR1 G	-	-

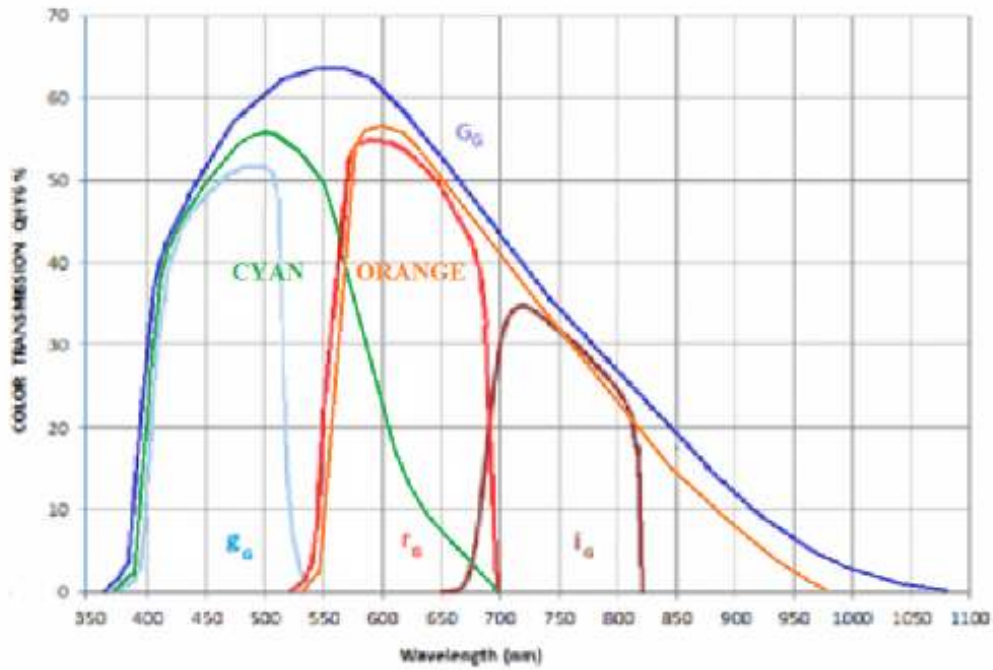
The flat fields are usually executed during twilights at room temperature.

A red color in the date cell (format DD-lett.M-YYYY) indicates the need of updated frames.

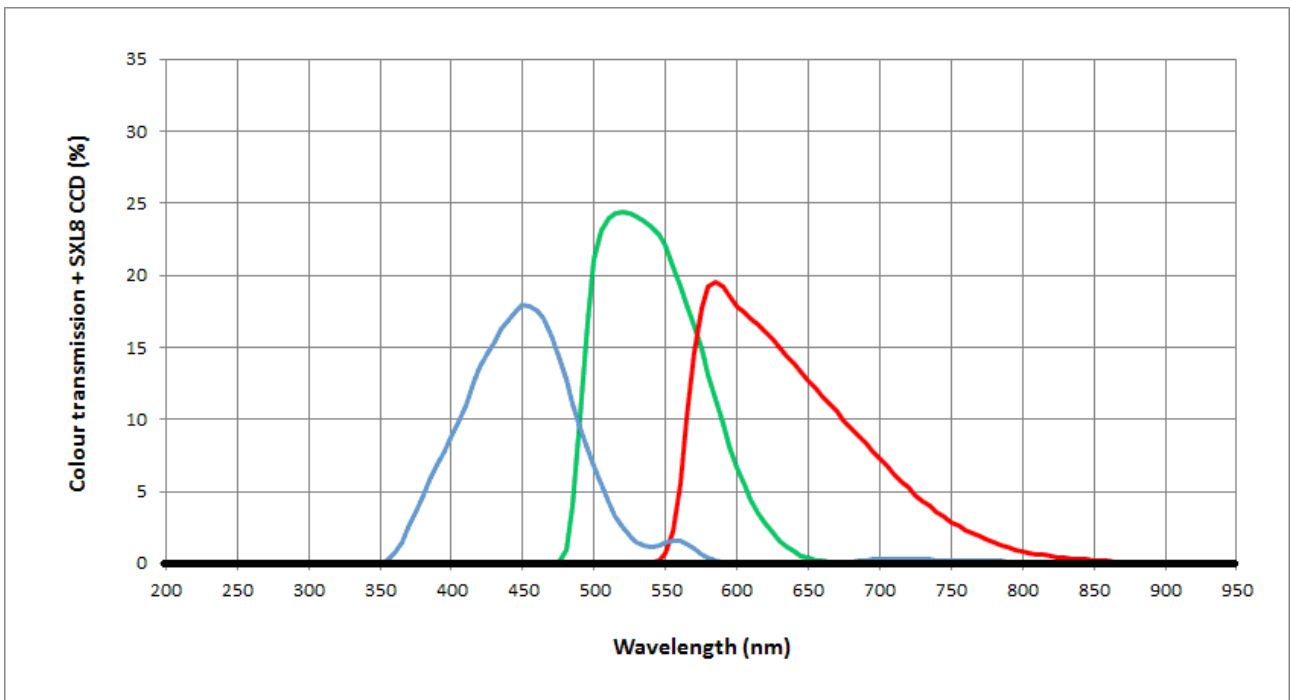
- Instruments status

The 0.3-m telescope CYAN-ORANGE filtering have been introduced to test GAIA BP and RP channels to be published in DR2 catalogue, due for April 2018.

A 5-parameters solution astrometry will be implemented in GAIA DR2 stars.



The 0.3 m photometer filtering



The 0.14 m photometer filtering

The 0.14-m astrograph clear channel shall be devoted to spectro-photometry of stars and exoplanet transits follow-up with the Johnson V filter.