

GRANGE OBS. OPERATIONS

- Spectrograph

The instrument at the 80-mm refractor has been removed for an upgrade.
The astro-photometry is at the moment the main scientific outcome of the observatory.

- Cryostats

From now on, the two photometers shall use their Peltier cryostat as default for increasing the limit magnitude reached and for lowering the sensors noise, especially in the infrared channel Sloan i (CCD percentage transmission from 35 to 20).
The function shall require frequent checks of desiccants efficiency status.

- Photometers status

All photometers (the Johnson-Vilnius at the 140-mm astrograph (field 32x32 arcmin) and the Sloan-GAIA G at the 300-mm (field 17x13 arcmin) are working nominally.

- Flat Fields status

telescope-camera	filter	peak ADU	date
140-mm SXL8	B	23000	08-APR-2017
140-mm SXL8	V	32000	08-APR-2017
140-mm SXL8	R	22000	08-APR-2017
140-mm SXL8	VI	20000	08-APR-2017
140-mm SXL8	S	20000	08-APR-2017
300-mm QHY6	g	17000	15-JUN-2017
300-mm QHY6	r	19000	15-JUN-2017
300-mm QHY6	i	18000	15-JUN-2017
300-mm QHY6	BG 40	15000	15-JUN-2017
300-mm QHY6	GAIA G	22000	15-JUN-2017

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.

- Observations

Nothing to report, due to the vacation period of the observatory.
On August 10th, a visit of the CFHT offices at Waimea-Kamuela (Hawaii) was paid, many thanks to Mary Beth Laychak for the kind invitation and hospitality, and to Daniel Davost for the CFHT center's remote terminals function precise explanation.