EROS Post-Alert Strategy

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EROS reaction to alerts

Aims:

- Find EROS light curves (ascii) corresponding to alert
- Perform differential photometry on Eros images at alert position
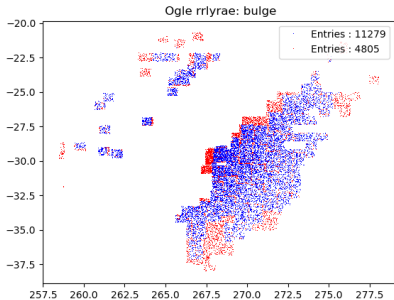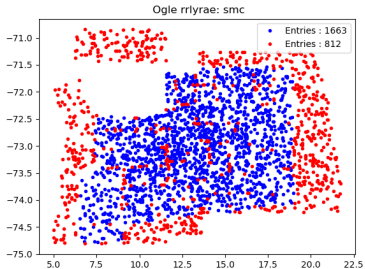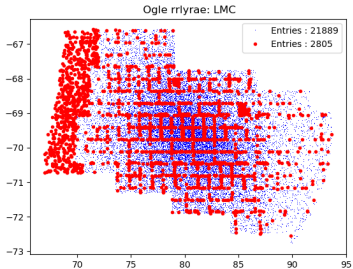
Requirements:

- Simple scripts for EROS members
- Based at CCPN
- Ten-year lifetime

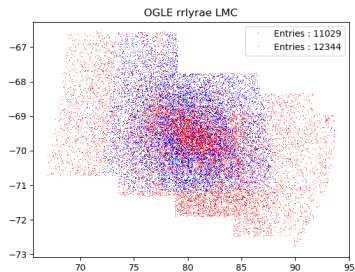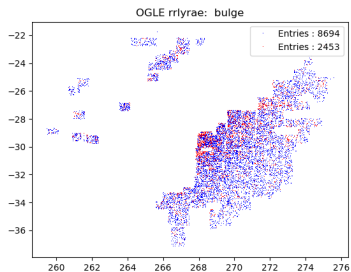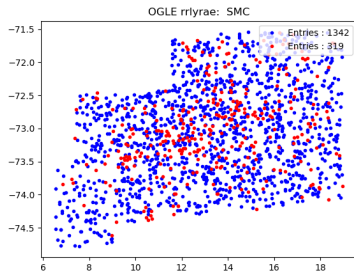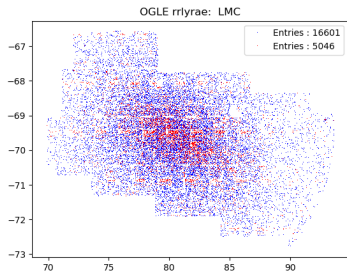Tests performed as of June,2018 on local machine:

- Identification of OGLE-III rrLyrae and cepheids
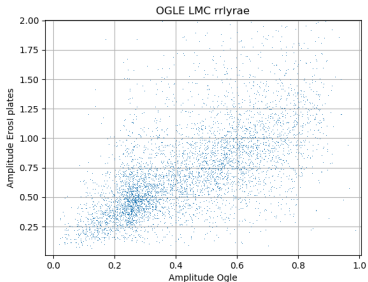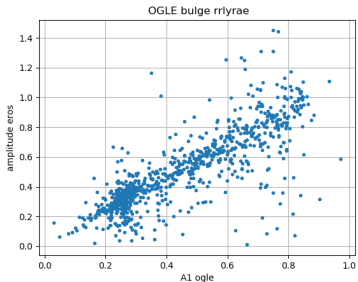- Revival of Triton differential photometry (L.Leguillou)

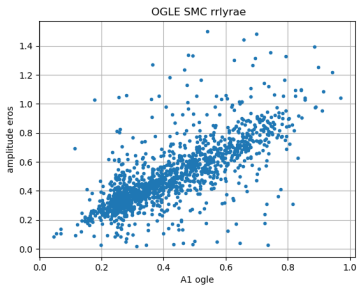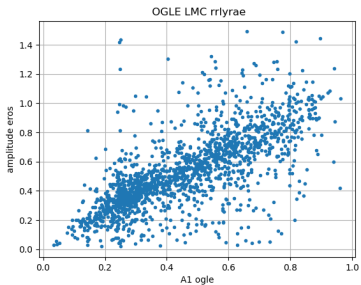# OGLE-EROS-2 Field overlap

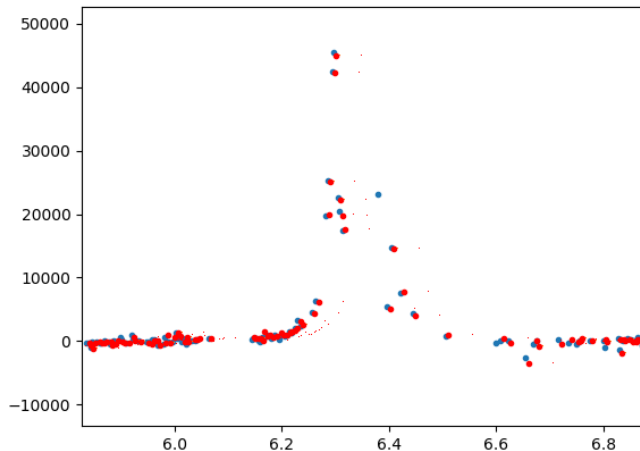OGLE star in EROS-2 Field
OGLE star not in EROS-2 field

OGLE-rrLyrae found, not found by EROS-2,1

rrLyrae: Eros amplitude vs Ogle Amplitude

Triton Anastasis (L. Leguillou)

Event lm057 from
Tisserand et al.
2007
2018

To be done

- Ascii light curves to Irods
- EROS-1 CCD lightcurves
- Test Triton with OGLE variables
- Triton to CCPN
- compare Triton with JBM differential photometry