

ASTROIMAGEJ WORKSHOP, HELSINKI

PERE GUERRA

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ALBANYÀ ASTRONOMICAL OBSERVATORY

-First International Dark Sky Park in Spain



ALBANYÀ ASTRONOMICAL OBSERVATORY

-16" Meade ACF F8.

-MORAVIAN G4-9000 CAMERA (KAF-9000).

-10 Micron GM 3000HPS Mount.

-Johnson V, Ic, CBB photometry filters





Special thanks to:

Karen Collis (TESS TFOP SG1)

Dennis Conti (astrodennis.com)

Ramon Naves (cometas.sytes.net)

Recommended readings:

Exoplanet Observing for Amateurs (Bruce Gary)

A Practical Guide to Exoplanet Observing

(Dennis Conti).



COME TOUCH THE SKY WITH US!

THANK YOU



Open Questions:

-Cmin of 8K Counts?.

-Lower counts vs filter choice.

(Ex: what's best, 8K in Ic or 11K in V?).

*-Binning: Recommended FWHM range
(3-6 FWHM according to Dennis Conti).*

(2.5 FWHM according to Bruce Gary).

(Ex: what's best 1x1 in CBB or 3x3 in Ic?).

~~*-Can I guide using the scientific image? YES*~~

-If counts close to Cmin can I increase exposure time during transit?

-Can some loss of linearity be compensated?





Open Questions:

- Guiding vs Unguiding*
- Dithering?*



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