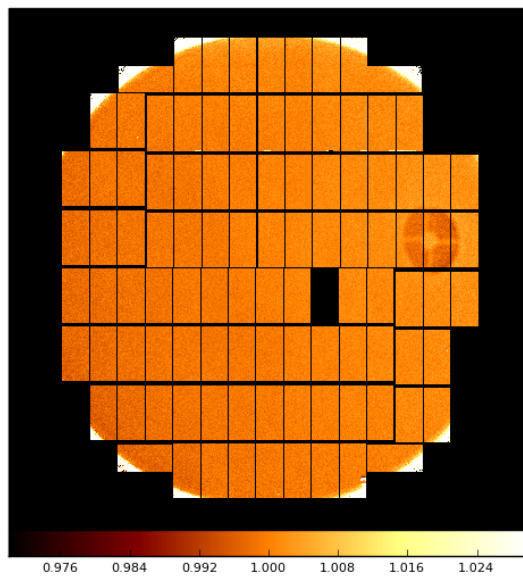
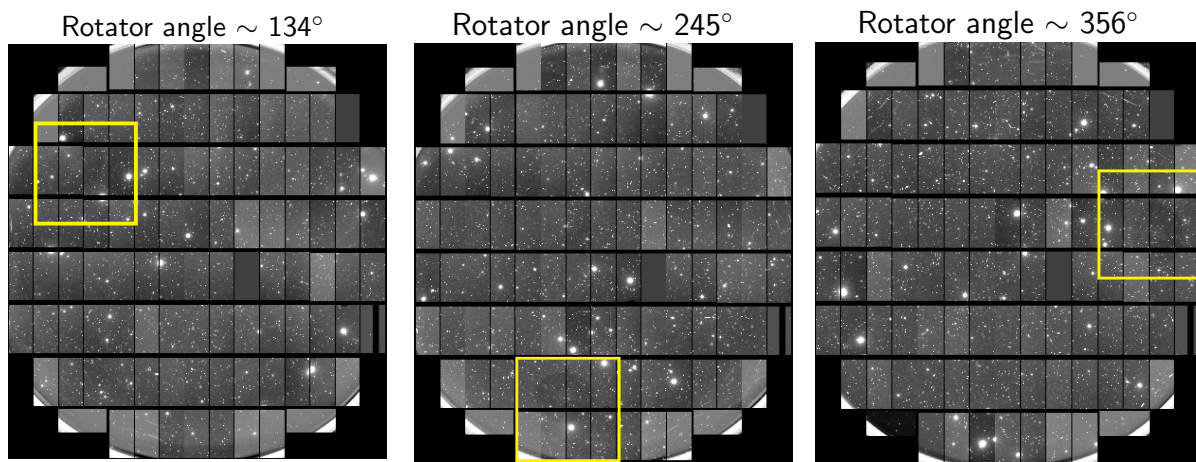


# HSC image issue in S19A

June 18, 2019

- A shadow of the telescope top-ring structure has appeared on HSC images (except for bias and dark frames) since the late February, 2019.
- This was probably caused by foreign material such as dust around several millimeters adhering to one of the lenses of the Wide-field corrector (under investigation).
- This pattern is not erased by flat-fielding but can be eased through sky subtracting and combining dithered images.
- Please pay attention to your data reduction for images obtained from the late February (the beginning of Mar run) to the middle June (the end of Jun run) which include HSCA16530200–HSCA18347957.



Dome flat taken in 2019 June divided by that taken in 2018 December.