

PANOPTES GAZETTE

Panoptic Astronomical Networked Observatories for a Public Transiting Exoplanets Survey

PAN001

PAN001, the unit operating on the grounds of the Mauna Loa Observatory in Hawaii, got some much needed TLC last week. A damaged windshield was replaced with a stiffer design and some testing was done to diagnose and solve mount guiding anomalies. The big news was the installation of the new electronics package!

JPL partnership

Last week also was a huge milestone for PANOPTES with NASA's Jet Propulsion Laboratory (JPL) in Pasadena, CA finalizing a 3 year funding commitment.

We are hiring!

Project PANOPTES will soon be hiring a postdoctoral researcher in astronomy. Look for the ad in an upcoming AAS Job Register and on the PANOPTES website. If you know of an energetic, independent, technically minded and education oriented potential candidate drop us a line at



Electronics Package Ready

It is with great pleasure that we announce the unveiling of the new electronics package for PANOPTES build units. This is the final component needed to complete the baseline design. The electronics package provides power distribution, remote power monitoring and remote power cycling for individual components (eg. computer, cameras, mount, weather station). Last week the electronics package was deployed on the PAN001 unit stationed at the Mauna Loa Observatory. Below, PANOPTES team members work on the unit, with the impressively barren Mauna Loa landscape in the background. Above, work continued into the night as the glorious Hawaii sky sparkled overhead.





Beta Testers Wanted

Are you interested in building and operating your own PANOPTES unit? For more information about how you and your team / club / students could get involved with Project PANOPTES send an e-mail to info@projectpanoptes.org

PANOPTES at meetings

PANOPTES team members will be in attendance at several upcoming events, and are happy answer your questions.

- Northeast Astro Imaging Conference (NEAIC), Suffern NY, April 6 & 7: Josh Walawender
- Northeast Astronomy Forum (NEAF), Suffern NY, April 8 & 9: Josh Walawender
- Ticket to Explore JPL 2017, Pasadena CA, May 20 & 21: Olivier Guyon & Wilfred Gee
- Robotic Telescopes, Student Research, and Education, San Diego CA, June 18 - 22; Olivier Guyon & Wilfred Gee
- AAAS Pacific Division Annual Meeting, Waimea HI; June 19 - 23; Josh Walawender

Electronics Package Ready (cont.)

While at Mauna Loa, team members took the opportunity to make several fixes and improvements to the PAN001 unit. In early February part of the weather proofing had torn during high winds. This was removed and replaced with a stiffer design. Several software fixes were also implemented and PAN001 is currently taking images. Read more about the electronics package on the [PANOPTES blogspot](#). Below, clockwise starting from lower left: The new electronics package, PAN001 with the torn weather proofing held on with duct tape, new weather protection, small portion of PAN001 image taken last night!

