

Designs

Lānaʻi Observatory

Four Seasons Resort Lānaʻi
Love Lānaʻi

The Site

An observatory-class telescope housed in an \approx 25-foot circumference facility.

The facility stands on the Four Seasons Resort Lānaʻi property adjacent to Hulopoʻe Bay.

We offer guest experiences nightly. In the near future, we are expanding our offerings to Lānaʻi residents and Lānaʻi High and Elementary School students.





▼ The Team

Our Love Lānaʻi team at FS Lānaʻi facilitates the Lānaʻi Observatory Kilo Hōkū Experience in the evenings.

In addition, during the day, we offer cultural experiences such as teaching traditional lei making methods, 'ukulele playing, lauhala weaving, leading resort cultural and historical tours, and producing an early evening Cultural Arts Celebration.



▼ The Telescope

The telescope is a PlaneWave 1000 and is manufactured in the US.

The mirror is 1000mm (39.37 inches).

The dimensions of the telescope are 135" H x 72" W by 45" Depth. It weighs approximately 3,000 pounds.

There are two additional telescopes mounted on to the big telescope. The smaller telescopes each have a 5" mirror.

The Experience



The Kilo Hōkū Experience offered to our guests commences with a presentation of the cultural and historical significance of the stars and celestial bodies.

Our advisors spent hours of learning to be able to accurately purvey the knowledge of Native Hawaiian and Pacific Island ancestors.

Hui Hōkūlani Interns will also undergo this training and be expected to deliver the cultural presentation.



The Experience culminates on the telescope viewing deck, where guests have the opportunity to view celestial objects through the telescope. A few examples of what guests may see include planets, galaxies, nebulae, star clusters, and the Moon.

Hui Hōkūlani Interns that work at our site will learn to operate the telescope and learn about the celestial objects viewed through the scope. Students will be able to facilitate experiences for both resort guests and Lānaʻi residents.

Planning of nightly observances and programming of the telescope is done through computer software. Interns will learn to utilize pertinent software.



Internship Projects

Potential Hui Hōkūlani Internship Individual projects may include include:

- A culminating presentation to the Lānaʻi community that includes student-lead research on a particular celestial object or event. The presentation will include both scientific and Hawaiian cultural knowledge.

Who Should Apply?

Students should apply to complete their internship at our site if they meet the following criteria:

- Interested in Astronomy and Hawaiian culture
- Interested in hospitality and customer service
- Willing to build communication and interpersonal skills, including presenting and sharing knowledge in both large group and small group settings

