

## Vinnie Recinto

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**From:** 'Imiloa Astronomy Center Membership and Development Office [nico@imiloahawaii.ccsend.com] on behalf of 'Imiloa Astronomy Center Membership and Development Office [membership@imiloahawaii.org]  
**Sent:** Thursday, July 16, 2009 3:31 PM  
**To:** vrecinto@imiloahawaii.org  
**Subject:** Kilolani: News from 'Imiloa, July 2009



Volume 4, Issue 7

Aloha mai!

Welcome to 'Imiloa's monthly membership e-newsletter, *Kilolani*. Please send your comments and Membership and Development Office at [membership@imiloahawaii.org](mailto:membership@imiloahawaii.org) or call (808) 969-9732.

'Imiloa Astronomy Center is open from 9:00 am to 4:00 pm, Tuesday through Sunday, and on the Day, King Kamehameha Day, Independence Day (Fourth of July) and Labor Day. We're closed on Christmas and New Year's Day.

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### Calendar of Events at a Glance

-- details provided below

**2009:** International Year of Astronomy (IYA)

**Every Saturday:** Keiki Kilohoku Korner activities from 9:30 am to 11:00 am  
 10:00 am *Secret of the Cardboard Rocket* keiki planetarium show  
 The **LAST** show will be on Saturday, August 1 at 10:00 am

**July 18:** *Maunakea Directors' Lecture Series* with the Joint Astronomy Centre's Dr. Gary Davis at  
**August 1:** Special member appreciation event and preview - Sesame Street's *One World, One Sky*  
**August 5:** *Science Rocks!* Wednesday afterschool weekly program begins  
**August 8:** Public opening of Sesame Street's *One World, One Sky: Big Bird's Adventure* keiki plays at 10:00 am every Saturday  
**August 15:** TMT Toothbrush Micro Robot Teacher Workshop  
**August 15:** *Maunakea Directors' Lecture Series* with Keck's director, Dr. Taft Armandroff at 7:00  
 September: Celebrate Museums Month - visit 10 of our Hawai'i Island museums for free!  
**September 4-5:** "Lei Hoku, He Pili Aloha" live Japanese-Hawaiian concert in the planetarium  
**September 19:** *Maunakea Directors' Lecture Series* with Subaru's Masahiko Hayashi at 7:00 pm  
**September 26:** Smithsonian Museum Day - get a free admission coupon to 'Imiloa!  
**October 7:** Pico Crickets: Art and Electronics Workshop  
**October 10:** First TMT BrushBot Micro Robot Tournament  
**October 16-18:** 3rd annual Hilo Wayfinding and Navigation Festival  
**October 17:** *Maunakea Directors' Lecture Series* with Director Raymond Blundell at 7:00 pm  
**October 24:** IYA Block Party in the UH Hilo Science and Technology Park  
**October 31:** "Alien Encounters" in 'Imiloa's Halloween Spooky Hall  
**November 21:** HELCO Big Island VEX Tournament  
**November 21:** *Maunakea Directors' Lecture Series* with UHH Telescope Director, Dr. David Jame  
**December 4:** Member Mahalo Holiday Party!  
**December 19:** *Maunakea Directors' Lecture Series* with UC Observatories Director, Dr. Mike Bolt

Questions about any of the above events? Call our front desk at 969-9703.

### Image of the Month

#### The "Exploding Cigar" Galaxy



[Click here](#) for an explanation of our July Image of the Month

## Member Announcements

### **Updates to the *Kilolani***

Starting in the month of August, our member e-newsletter will be sent out at the beginning of every month, half-way through. Keep your eyes open!

If you have any questions regarding this change, please call us at 969-9732 or email us at [membership@imiloahawaii.org](mailto:membership@imiloahawaii.org).

### **Sesame Street's "*One World, One Sky*" member appreciation event**

On Saturday, August 1, from 4:00 pm to 6:30 pm, 'Imiloa Astronomy Center will be hosting Sesame Street's "*One World, One Sky*" entertaining, family-focused, member appreciation event.

In our continuing efforts to enhance our membership program, we are proud to present an afternoon focused on the 'ohana. We hope that you can join us for this **free**



event featuring a special members-only preview of Sesame Street's *One World, One Sky: Big Bird Festivities* include a special visit from balloon-shaping Elmo before the show, keiki activities that include shrinky-dink keychain making, open exhibit halls, performances from our Pocket Theatre student and refreshments, and exclusive shopping in the Bank of Hawaii Museum Store.

Keep your eyes open for the email invitation with all the details! **RSVPs are required** and the event is free for all people. For any questions, please email us at [tballard@imiloahawaii.org](mailto:tballard@imiloahawaii.org) or call 969-9732.

## Upcoming Events and Activities

### Student intern Pocket Theatre presentations

This summer 'Imiloa is hosting numerous student interns, sponsored by a grant from ECHO, Education through Cultural and Historical Organizations. These interns will be presenting various topics through skits, lectures, and theatre. Details to follow.

During July and August, intern Mahealani Lono will be hosting 15-minute presentations on "**The Hawaiian Star Compass**." At 11:45 am Tuesday through Friday, she will be introducing the concept of the star compass used in Polynesian oceanic navigation.

Intern Angela Nakamura will be presenting 15-minute lectures on "**A Brief History of the 'Ukulele in Hawai'i**." Tuesday through Friday, Angela will present at 1:30 pm and on Saturday, she will present at 12:00 pm. During her presentations, she will share the importance the 'ukulele history of Hawaiian culture.

Intern 'Iwalani Kualii-Kaho'ohano will be presenting lovely 15-minute performances of "**The** On Saturdays and Sundays at 10:45 am in the planetarium hallway, 'Iwalani will chant and sing t



**The Hawaiian Star Compass**  
Tuesdays - Fridays at 11:45 am

**The History of the 'Ukulele**  
Tuesdays - Fridays at 1:30 pm, Saturday at 12:00

**The History of Poli'ahu**  
Saturday and Sunday at 10:45 am

### 'Imiloa's LCROSS exhibit



LCROSS is the Lunar Crater Observation and Sensing Satellite of NASA. It is designed to confirm the presence, or lack thereof, of water in a shadowed region near the South Pole of the Moon. It is because, and through, LCROSS that our progress with greater technologies and systems that can be used in future space missions. LCROSS is projected to land on the moon's South Pole.

It is 'Imiloa's pleasure to announce our very own connection with LCROSS exhibit that presents a model of the actual LCROSS satellite. To complement the exhibit, 'Imiloa also features an interactive station with LCROSS' updates on the Internet in our Exhibit Hall near the Infrared displays. Now you can see and progress to LCROSS' mission to the moon. Come check it out!

### The Speakers at Noon series

Every Wednesday during July and August, at 12:00 noon, 'Imiloa will be hosting a different speaker in the classroom or in the Earl and Doris Bakken Moanahoku Hall. Speakers will be presenting a number of topics, ranging from culture and history to the environment.

A schedule of these **free** presentations include the following:

July 22: Page Else, Big Island Invasive Species Committee - "Biocontrol: Using Natural Enemies"  
 July 29: John Stallman, Volcanoes National Park - "Sandalwood in Hawai'i"

Join us at 12:00 noon every Wednesday during the summer for an interesting and educational presentation. August's presenters to be listed in upcoming *Kilolani*.

### "Celebrating Museums Month" - September

Join us and celebrate our Big Island museums! In the month of September, 'Imiloa members will visit any other participating Big Island museum. Conversely, people who are members of other Big Island museums show their current museum membership cards at 'Imiloa throughout September to get free general admission.

Participating museums include the Pacific Tsunami Museum, Pana'ewa Rainforest Zoo and Garden Center, Volcano Art Center, Lyman Museum, Laupahoehoe Train Museum, Amy Greenwell Garden Gateway Energy Center.

For more information, email [gchunhoo@imiloahawaii.org](mailto:gchunhoo@imiloahawaii.org)

### Plan ahead! Museum Day 2009



Looking for a stellar deal on activities? Bring a copy of the Smithsonian magazine to the 'Imiloa Astronomy Center of Hawai'i on Saturday, September 26, for general admission for two people, in coordination with Smithsonian Museum Day.

A museum admission card is available in the magazine's September 2009 issue, or can be filled out from <http://microsite.smithsonianmag.com/museumday/>

### Keiki Kilohoku Korner

#### Activities every Saturday!



The Keiki Kilohoku Korner, or K-Cubed, is held every Saturday from 9 am for the visitors who come to see *Secret of the Cardboard Rocket*, a planetarium show. Educational activities will take place in 'Imiloa's Storytelling, science demos, and experiments will be offered weekly.

Starting on August 8, *Secret of the Cardboard Rocket* will be replaced by *Sky: Big Bird's Adventure*. The Keiki Kilohoku Korner will continue with activities to match the Sesame Street program.

*July Maunakea Directors' Lecture Series: "A Tale of Two Telescopes: Astronomy v*

## Light"

**Saturday, July 18 at 7:00 pm in the planetarium**

On Saturday, July 18, at 7:00 pm, 'Imiloa Astronomy Center will host this month's popular *Maunakea Directors' Lecture Series* program. This month's program will be hosted by Dr. Gary Davis, Director of the Joint Astronomy Centre (JAC), presenting: "A Tale of Two Telescopes: Astronomy with Invisible Light."

Dr. Gary Davis will be discussing the challenging work of two Maunakea observatories united under the Joint Astronomy Centre: the United Kingdom Infrared Telescope (UKIRT) and the James Clerk Maxwell Telescope (JCMT), which saw first light in 1979 and 1987, respectively. Both telescopes observe the heavens using forms of light that cannot be seen with the naked eye. Dr. Davis will also talk about the plans for the future for both telescopes, and reflect on the significance of the science of astronomy as a valuable approach to understanding the world we live in.

Dr. Davis has more than two decades of experience in the development and use of instrumentation for astronomy, both from the ground and from space, and from the infrared to the radio wavelengths of the light spectrum.



The Joint Astronomy Centre (JAC) provides services and support for and staff astronomers to undertake top-quality, front-line, and research using the James Clerk Maxwell Telescope and the United Kingdom Infrared Telescope. The James Clerk Maxwell Telescope is the largest in the world designed specifically to operate in the submillimeter region of the spectrum and is used to study our Solar System, interstellar dust, and distant galaxies. In contrast, the United Kingdom Infrared Telescope is the world's largest telescope dedicated solely to infrared astronomy. Both the UKIRT and the JCMT are situated close to the summit of Maunakea.

The Sky Garden Restaurant will be open from 5:00 to 8:00 pm for dinner.

For more information about *Maunakea Directors' Lecture Series*, please visit the [Events](#), [What's New](#) pages at [imiloahawaii.org](http://imiloahawaii.org).

*The Maunakea Directors' Lecture Series* begins at 7:00 pm and is now on the third Saturday of every month. This is the International Year of Astronomy, all *Maunakea Directors' Lecture Series* programs will be held at the planetarium and the community at-large throughout 2009. First come, first serve. Please plan to arrive at least 15 minutes in advance.

Questions? Please feel free to call Shawn Laatsch, 'Imiloa's Planetarium Manager at 969-9735 or 969-9703.

## In the Planetarium

***Seven Wonders - A show not to be missed!***

'Imiloa Astronomy Center is proud to announce the arrival of our newest planetarium show: *Seven Wonders*, sponsored by a generous donation from the [HPM Building Supply Foundation](#) and the Robert M. and Alice K. Fujimoto Foundation. Join us as we travel thousands of years back in time to explore the glorious *Seven Wonders* of the world. In



Ancient Egypt, we will visit the Lighthouse of Alexandria and the Great Pyramids, then fly to Persi Mausoleum, and zoom to Babylon to be awed by the fabled Hanging Gardens. The journey will co tour the Temples of Zeus and Artemis, and then to Rhodes to stand in the shadow of the towering audience will then be taken to visit a similar selection of beautiful scenes discovered in the unlimi universe. *Seven Wonders* will also investigate the theories behind the creation of these marvels. I Bean, Boromir from the *Lord of the Rings* film trilogy.

Check out the trailer at <http://www.imiloahawaii.org/trailers/>

Produced by the Evans & Sutherland Digital Theater, *Seven Wonders* is shown daily, Tuesday thruc pm and 3:00 pm in the 'Imiloa planetarium. This show replaces *Two Small Pieces of Glass*.

### ***Pink Floyd's The Wall***

*Pink Floyd's The Wall* has arrived at 'Imiloa Astronomy Center as the new Friday night, rock music show. This classic Pink Floyd album is brought to life with a stunning full-dome interpretation of the sounds and imagery of *The Wall*. The Pink Floyd rock opera album, following the character Pink, was released in 1979, and quickly rose to number one on the Billboard 200. Now audiences can have a complete immersive experience of the hit songs, from "Another Brick in the Wall, Part 2," to the melodic "Comfortably Numb," and from the over-protective "Mother" to the classic "Run like Hell." This digital masterpiece from Starlight Productions leaves the audience wanting more - even when Pink's wall comes tumbling down.

There is an adult advisory, as the subject matter for some songs may not be appropriate for children. **The show is not recommended for audiences under the age of 14.**

*Pink Floyd's The Wall* plays every Friday at 7:30 pm and 9:00 pm in the 'Imiloa planetarium.

Admission rates are as follows:

Non-member rate.....	\$10
Individual Member (\$50).....	\$8
Dual Member (\$60).....	\$8
Family Member (\$85).....	\$8
Patron Member (\$125).....	\$6
Silver Member (\$250).....	FREE
Gold Member (\$500).....	FREE

To make reservations or to upgrade your membership to take advantage of deeper discounts, ple visit our front desk.

### **'Imiloa Resources**

#### **Important resources for the new and longtime member**

##### **The Bank of Hawaii Museum Store - 969-9764**

To truly take home the experience, one has to visit our museum store - featuring a unique books, apparel, crafts, games, and keepsakes from 'Imiloa.

##### **The Sky Garden Restaurant - 969-9753**

Open from 7:00 am to 4:00 pm on Tuesday and Wednesday, and from 7:00 am to 8:00 pr Thursday and Sunday, the restaurant is the perfect place to bring friends, family, and out-



For their current menu, please [click here](#). Reservations are recommended.

Don't forget to use your 10% member discount! Please present your membership card prior to or restaurant or at the register in the store. The member discount at the restaurant is applicable for

**Facility Rental Inquiries** - 969-9704

Roxanne Ching, 'Imiloa's Reservations Associate, will be happy to assist you with any questions or comments regarding the rental of 'Imiloa facilities.

**'Imiloa Astronomy Center**

[Join Our Mailing List!](#)

To ensure delivery of 'Imiloa Astronomy Center e-mails to your inbox (not bulk or junk folder), please email [membership@imiloahawaii.org](mailto:membership@imiloahawaii.org) to your address book.

If you or someone you know isn't receiving Kilolani on a regular basis, please call us at (808) 969-9704 or email [membership@imiloahawaii.org](mailto:membership@imiloahawaii.org) so we can investigate for you!

**'Imiloa Astronomy Center**

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**Center Hours:**

Tues-Sun 9 am to 4 pm  
Closed Mondays  
Front desk: (808) 969-9703

**Sky Garden Restaurant:**

Open Tues-Sun 9 am to 4 pm  
Dinner: Thurs, Fri, Sat, Sun 5 pm to 8 pm  
(808) 969-9753

**Mahalo nui loa for your support of 'Imiloa!**

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