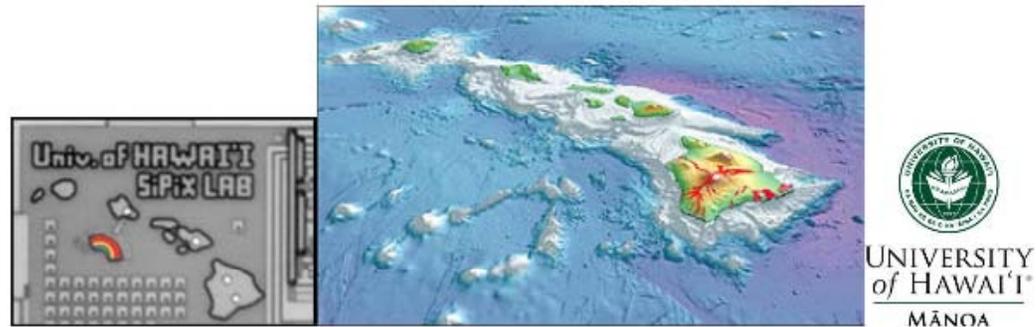


## Belle II -- Trigger/DAQ Meeting in Hawaii



January 16 - 18, 2012



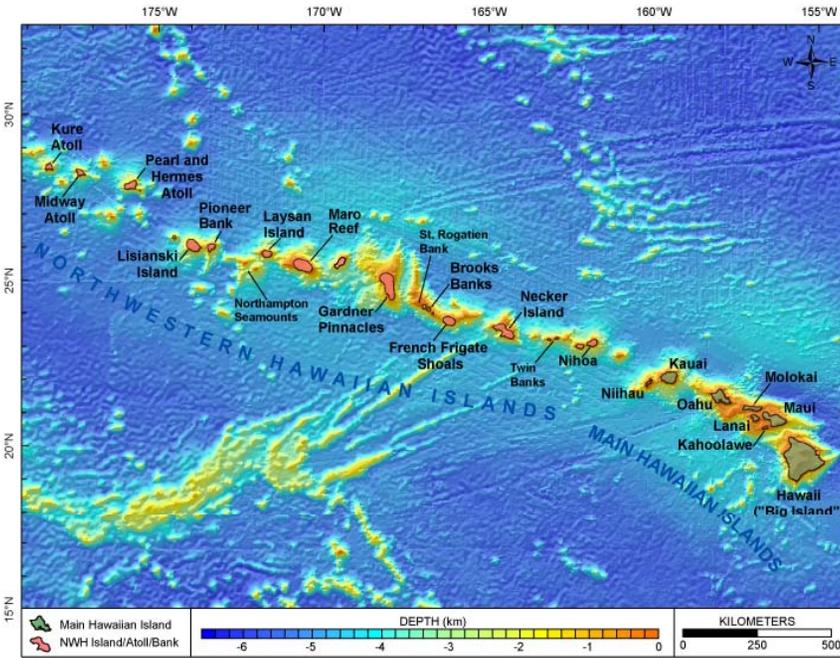
Workshop will be held in the Vince Peterson Library  
on the 4th floor of Watanabe Hall (WAT417A)  
located at the University of Hawai'i at Manoa

Agenda [\[link\]](#)

- [Registration](#)
- [Participant list](#)
- [Venue \[D-3\]](#)
- [Visitor information](#)
- [Program \(preliminary\)](#)
  - [Program Committee](#)
  - [Local Organizing Committee](#)

**Welcome!**

# “Hawaii” and the “UH”



## Our 10 Campuses

Founded in 1907, the University of Hawai'i System includes 3 universities, 7 community colleges and community-based learning centers across Hawai'i. As the state's public system of higher education, UH offers opportunities as unique and diverse as our island home.

### Research University



**MANOA** – The largest and oldest UH campus is located in a residential valley above Waikiki. Manoa offers undergraduate, graduate and professional degrees; a strong, vital research program; and nationally ranked NCAA Division I athletics. [Campus profile](#) | [Homepage](#)

### Baccalaureate Universities



**HILO** – The Big Island of Hawai'i is a natural living laboratory of active volcanoes, deep oceans, the world's best telescopes and a rich cultural landscape. UH Hilo bachelor's and master's degree programs take advantage of it all. [Campus profile](#) | [Homepage](#)



**WEST O'AHU** – With the lowest university tuition in Hawai'i, this four-year institution offers high-quality education, personalized attention and classes during the day, evening, weekends and online. In fall 2012, a new campus in Kapolei is scheduled to open. [Campus profile](#) | [Homepage](#)

### UH Community Colleges



**HAWAII** – Located in Hilo and administering Kona's UH Center at West Hawai'i, this **Big Island community college** offers more than 30 associate degree, certificate and non-credit programs ranging from health services and hotel operations to business and trades. [Campus profile](#) | [Homepage](#)



**HONOLULU** – Located near downtown Honolulu with additional facilities for aeronautic, marine, automotive and heavy equipment programs, this **innovative community college** offers a strong liberal arts curriculum in addition to a wide range of vocational and technological programs. [Campus profile](#) | [Homepage](#)



**KAPI'OLANI** – On the slopes of Diamond Head, just minutes from Waikiki, UH's **largest community college** started the Culinary Institute of the Pacific, promotes an international focus and provides programs in business, hospitality, health, legal education and arts and sciences. [Campus profile](#) | [Homepage](#)



**KAUAI** – A primary resource center and gathering place for residents and visitors, this **community college in Lihue** offers business, technology, hospitality, health, early childhood education and liberal arts courses and administers the UH Center on Kauai. [Campus profile](#) | [Homepage](#)



**LEEWARD** – This **community college overlooking Pearl Harbor** provides comprehensive opportunities from professional studies to liberal arts. Community outreach includes cultural activities on the main campus and an education center serving Waianae. [Campus profile](#) | [Homepage](#)



**MAUI** – A **tri-island college**, Maui provides comprehensive opportunities, special programs and two bachelor's degrees on Maui. It operates the UH Center on Maui, education centers in Hana and on Lanai and Molokai and a pioneering television network that reaches rural areas. [Campus profile](#) | [Homepage](#)



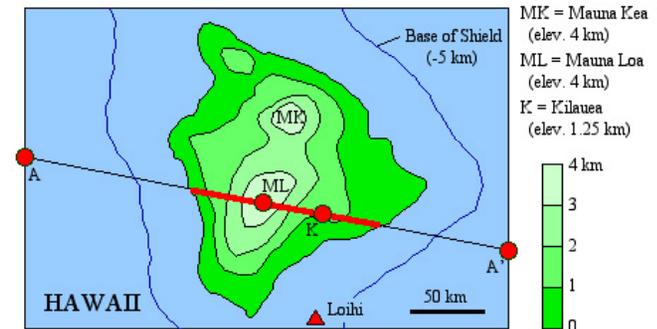
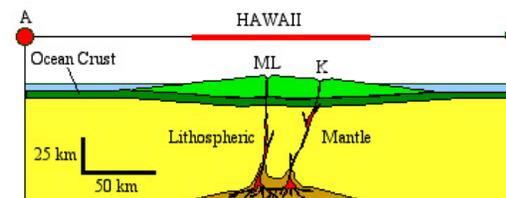
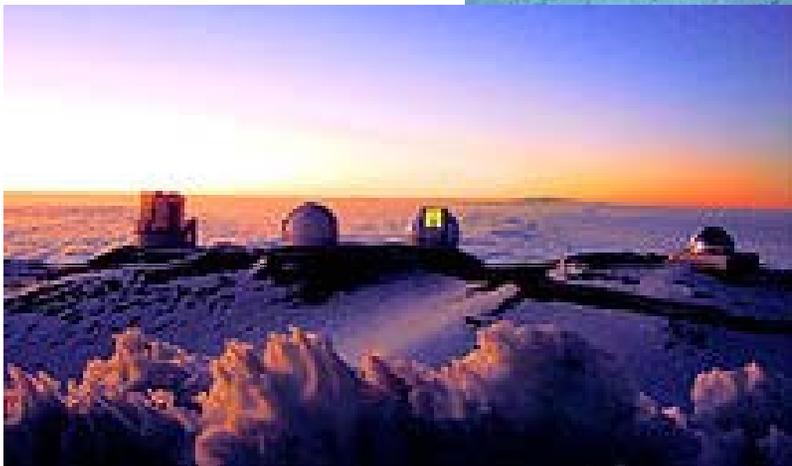
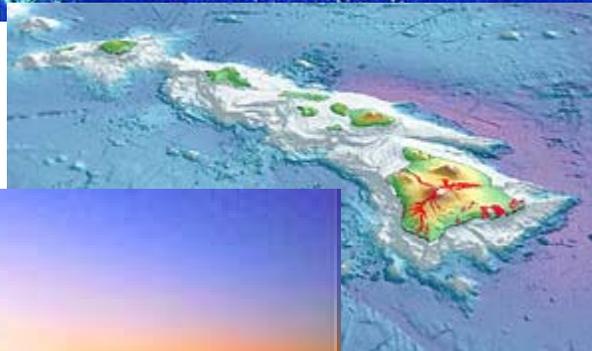
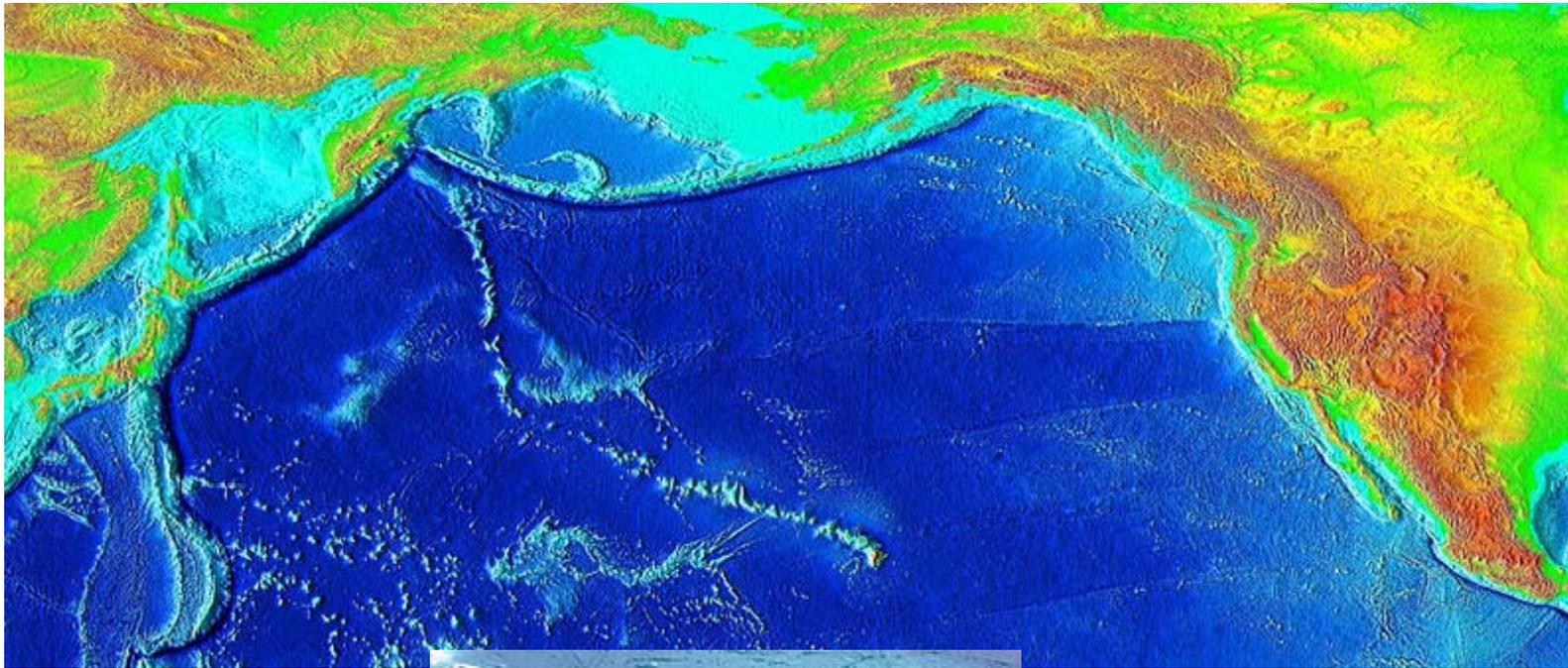
**WINDWARD** – At the base of O'ahu's Ko'olau mountains in Kane'ohe, this **supportive community college** specializes in creative arts, environmental sciences and Hawaiian studies. It is home to the Hawai'i Music Institute and administers the Employment Training Center. [Campus profile](#) | [Homepage](#)

## Papahānaumokuākea Marine National Monument

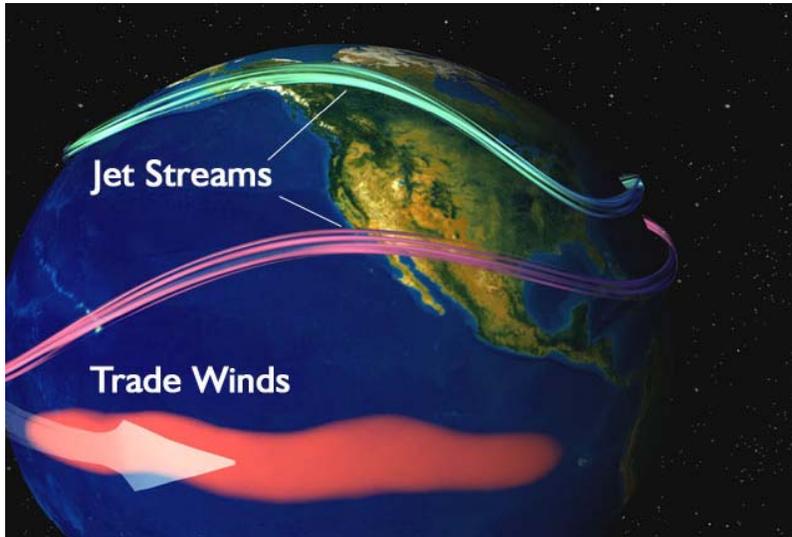


UNIVERSITY of HAWAII  
MĀNOA

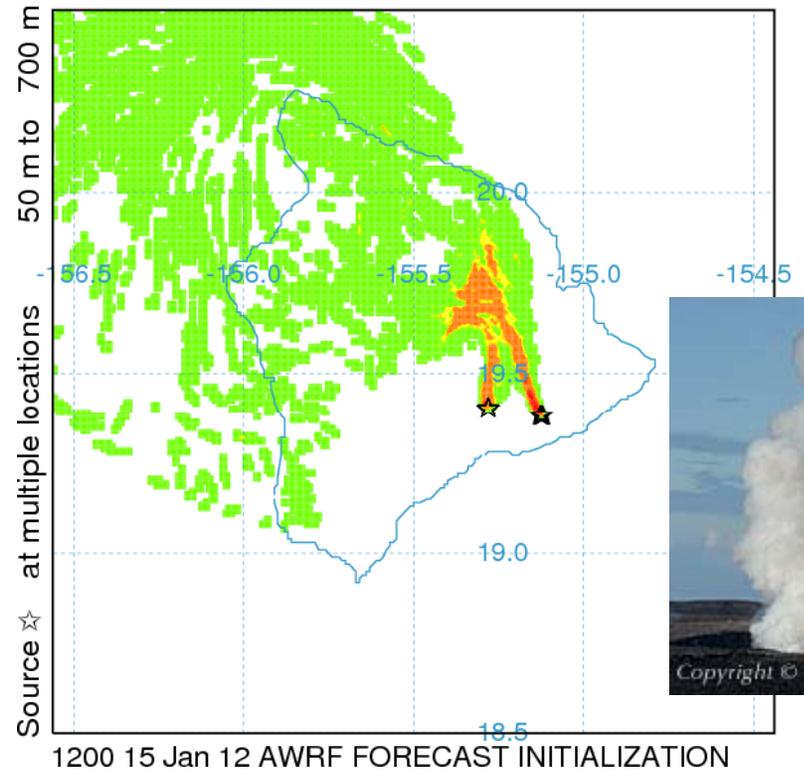
# Living on the Top – and very remotely



# Usual trade wind weather ... interrupted



Concentration ( PPM) averaged between 0 m and 100 m  
 Integrated from 1300 16 Jan to 1400 16 Jan 12 (HST)  
 SO2 Release started at 0200 15 Jan 12 (HST)



# A modest yet vibrant department

## DEPARTMENT OF PHYSICS & ASTRONOMY - UNIVERSITY OF HAWAII AT MANOA

### ACADEMICS

### PEOPLE

### RESEARCH

### FACILITIES

### NEWS & EVENTS



Physicist John Madey to be awarded the Robert R. Wilson Prize in 2012



Graduate's physics thesis published in Physical Review



Physics Professor receives Homeland Security grant



William Ditto, leading expert on chaos joins UH physics faculty.



UH Manoa physics research group wins \$1 million NASA grant.



Physics program gains prestigious national ranking. April 2011 ..still scores well in the revised edition...

#### UPCOMING EVENTS:

[High Energy Physics Seminars](#)

#### SEMINARS & COLLOQUIA:

- [Physics Colloquium](#)
- [High Energy Physics Seminar](#)
- [IFA \(Astronomy\)](#)
- [Annual Physics & Astronomy Open House](#)
- [Annual Physics Olympics](#)
- [Outstanding Physics T.A.'s](#)

#### JOB OPENINGS:

- [Faculty - Experimental Particle Astrophysics \(NEW\)](#)

#### PROSPECTIVE STUDENTS:

- [Graduate Programs](#)
- [Undergraduate Program](#)

#### CONFERENCES/WORKSHOPS:

- [5<sup>th</sup> International Workshop on Charm Physics](#)  
May 14 - 17, 2012
- [Belle II - Trigger/DAQ Meeting in Hawaii](#)  
January 16 - 18, 2012
- [US-Japan \(Nichibei\) Cooperation in High Energy Physics Meeting at Kona, October 20-21, 2010](#)  
[KEK Press Release](#)  
[FNAL Press Release](#)  
[Proceedings](#)
- [Special Belle-II Particle ID Workshop 9/3-4, 2010](#)
- [Kamland 09 Collaboration Meeting 09/24-26, 2009](#)

#### USEFUL GENERAL INFO:

- [College of Natural Sciences](#)
- [Physics Today Job Site](#)
- [University of Hawaii](#)
- [Hawaii AAPT](#)
- [AIP Career Network](#)

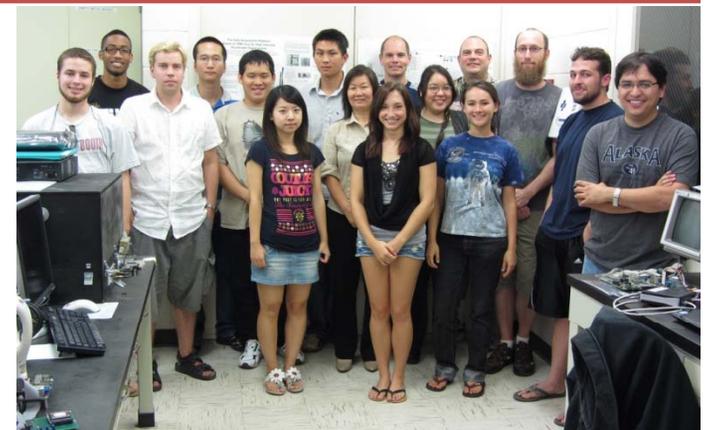
#### CAMPUS HAPPENINGS:

- [Manoa Campus Events](#)
- [UH News](#)

#### ARCHIVES:

- [Announcement Archive...](#)
- [Conferences/Workshops Archive...](#)

## Instrumentation Development Lab



## Practical issues – holiday today

Breakfast provided today –  
On your own from tomorrow



Coffee here today; down in Watanabe Hall room 214 tomorrow (ID Lab)  
HEPG coffee and water (tea) in room 217 (from tomorrow)  
Starbucks, coffee carts on campus

# Practical issues – holiday today

## Zippy's Plate Lunch Takeout Menu

All seafood plates come automatically with lemon and tartar sauce. Additional \$0.4 for extra scoop macaroni salad. Additional \$0.4 for extra scoop rice. NOTE: Menu & prices are subject to change without prior notice. Prices listed are for fast food counters only. Prices slightly higher at Zippy's Ala Moana, Pearlridge & Kahului. REV. 10/31/11 Fast Food

### Available Daily

Burrito Plate	5.90
Chicken Katsu	7.35
Chili & Chicken Mixed Plate	7.95
Chili Frank	7.60
Chili Moco	7.45
Fried Chicken	8.35
Hamburger Steak w/ Onions	7.95
Korean Style Fried Chicken Plate	8.65
Loco Moco	8.50
Mahi Mahi Plate	9.15
Mixed Plate	7.95
Fried Noodles	6.70
Spaghetti, Chili	7.15
Spaghetti, Meat Sauce	7.15
Spaghetti, Garlic Bread	7.15
Surf Pac	9.40
Teri Beef Plate	8.15
Zip Pac	8.50

### Zip Deals

*Our most popular sandwich combos!*

Prime Burger	6.45
<i>with French Fries &amp; Medium Drink</i>	
Teri Beef Bun	8.95
<i>with Regular Saimin &amp; Medium Drink</i>	
Mushroom Burger	7.75
<i>with French Fries &amp; Medium Drink</i>	
Clubhouse Sandwich	11.25
<i>with French Fries &amp; Medium Drink</i>	
<b>Zip Deal any Sandwich</b>	<b>+2.50</b>
<i>with French Fries &amp; Medium Drink</i>	
<b>Super Zip Deal any Sandwich</b>	<b>+2.80</b>
<i>with French Fries &amp; Large Drink</i>	

### Salads

*Tossed salad recipe includes fresh iceberg lettuce and locally grown Nalo greens.*

Chef Salad*	7.95
Oriental Chicken Salad*	8.15
Tuna Salad*	7.45

*\*Also available in mini portions.*

### Pupu Platters

*(Please order 1 hour in advance.)*

#1- Teriyaki Beef, Mahi Mahi,	26.95
Chicken Katsu, Hot Dog,	
Portuguese Sausage	
#2- Chicken Katsu	20.95
#3- Korean Fried Chicken	29.95
#4- Fried Noodles	22.95

### Other Great Suggestions

Bucket Chicken (9 pcs)	17.95
Family Meal Deal	24.95
<i>w/ 1 Zip Meal Rice &amp; 1 Zip Meal Macaroni Salad</i>	
Barrel Chicken (15 pcs)	27.50
Family Meal Deal	35.95
<i>w/ 2 Zip Meal Rice &amp; 1 Zip Meal Macaroni Salad</i>	
Barrel Chicken (21 pcs)	35.25
Family Meal Deal	44.95
<i>w/ 1 Barrel Rice &amp; 1 Zip Meal Macaroni Salad</i>	
Barrel Chili (7 lbs)	27.25
Meal Deal	36.95
<i>w/ 1 Barrel Rice &amp; 1 Zip Meal Macaroni Salad</i>	
Barrel Macaroni Salad	20.95
Barrel Meat Sauce (7 lbs)	24.45
Barrel Rice	9.25
Zip Meal Chili	8.95
Zip Meal Spaghetti	3.55
Zip Meal Meat Sauce	8.95

Zip Meal Rice	3.70
Zip Meal Macaroni Salad	7.00
Zip Meal Potato Salad**	8.15

*\*\*Not available at some fast food locations.*

Chili Burrito	5.10
Chili & Cheese Fries	2.75
Chili with Crackers, Large	4.60
Chili with Rice, Large	4.45
French Fries	1.75
Garlic French Fries	2.45
Saimin, Large	3.45
Regular	2.75
Oxtail Soup	11.95
Wun Tun	5.80
Wun Tun Min	5.80
Shake	4.00
Extra Thick	5.70
Sundae	3.55
Ice Cream	2.15
Apple Pie	1.65
Soda Float	3.05
Orange Bang	
Large 32 oz.	3.40
Medium 22 oz.	2.45
Small 16 oz.	2.05
Float	3.35
Shake	4.25
Extra Thick	5.95
Lilikoi, Large 32 oz.	2.10
Medium 22 oz.	1.80
Small 16 oz.	1.60

### Breakfast

*(Served from 11:00pm - 10:30am Daily)*

Breakfast

*Eggs your way with your choice of Portuguese sausage, Spam, bacon, or corned beef hash. Served with choice of rice, toast, or hash browns.*

Fried rice in place of rice	+ .60
Breakfast, small portion	4.40
Breakfast Bento	4.05
#1- Corned Beef Hash, Spam, Egg & Rice	
#2- Portuguese Sausage, Spam, Egg & Rice	
#3- Portuguese Sausage, Corned Beef Hash, Egg & Rice	
Omelette	6.10
<i>Choose from bacon, ham, Spam, cheese, or Portuguese sausage. Served with choice of rice, toast, or hash browns.</i>	
add Mushrooms	+1.60
add Cheese	+ .55
Mushroom Omelette	6.60
Vegetable Omelette	6.95
Zippy's Omelette	6.95
Zippy's Original Chili Omelette	5.90
Ham Omelette Sandwich	2.05
Portuguese Omelette Sandwich	2.05
Spam Omelette Sandwich	2.05
French Toast	3.70

Can call in these options...

### Mini Pacs

Mini Pac Chicken	5.95
Mini Pac Chicken Katsu	5.30
Mini Pac Chili & Chicken	5.75
Mini Pac Chili Frank	5.45
Mini Pac Chili Moco	5.35
Mini Pac Fried Noodles	4.85
Mini Pac Hamburger Steak	5.75
Mini Pac Korean Chicken	6.25
Mini Pac Loco Moco	6.10
Mini Pac Mahi Mahi	6.60
Mini Pac Spaghetti	5.85
Mini Pac Teri Beef	6.10
Mini Pac Zip Pac	6.10

**Combo any Sandwich** +1.30  
*choice of French Fries, tossed salad or macaroni salad.*

## Zippy's Daily Specials Menu

Specials are served from 10:30am, while supplies last. (Fast Food & Restaurant)  
\* Also available in small portions. \*\* May not be available at some locations.

Menu A	Menu B	Menu C	Menu D	Menu E	Menu F
Corned Beef & Cabbage* 7.60	Beef Stew* 8.15	Mochiko Chicken* 8.35	Sweet & Sour Spare ribs* 8.25	Turkey Jook 6.95	Roast Turkey** 8.85
Beef Cutlet* 8.35	Hamburger Curry* 7.85	Beef Curry* 8.15	Corned Beef & Cabbage* 7.60	Beef Stew* 8.15	Tripe Stew* 8.15
Chicken Curry* 8.15	Roast Pork* 9.10	NEW! Pork & Peas* 7.85	Hawaiian Stew* 8.15	Teriyaki Chicken* 7.75	Roast Pork* 9.10
Shoyu Chicken* 8.85	Turkey a la King* 6.95	Roast Turkey* 8.85	Meat Loaf* 7.60	Beef Stroganoff* 7.95	Chicken Cutlet* 8.35
Sweet & Sour Spare ribs* 8.75	Chicken Long Rice 7.95	Roast Tomatoes** 8.50	Chicken Katsu Curry* 8.15	Kalua Pig & Cabbage* 7.30	Chopped Steak** 8.35
Roasted Corn & Crab Chowder	Wild Rice & Ham Soup	Seafood Chowder	Corn Chowder	Turkey Chowder	Glam Chowder
Large 3.45	Large 3.45	Large 3.45	Large 3.45	Large 3.45	Large 3.45
Regular 2.95	Regular 2.95	Regular 2.95	Regular 2.95	Regular 2.95	Regular 2.95

<b>Dine-In Restaurant Only</b> Salmon Chazuke	<b>Dine-In Restaurant Only</b> Boneless Braised Chuck Shortribs	<b>Dine-In Restaurant Only</b> Tonkatsu Curry Bowl	<b>Dine-In Restaurant Only</b> Misoyaki Cod	<b>Dine-In Restaurant Only</b> NEW! Kalbi Bowl	<b>Dine-In Restaurant Only</b> Kim Chee Fried Rice
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Available Daily - Portuguese Bean Soup (lg. 3.45 / Reg. 2.95).

Available Fridays Only - Hawaiian Plate (Half Lau Lau & Kalua Pig, 9.15).

Kalua Pig Plate\* (9.95), Lau Lau Plate\* (9.60), Grilled Garlic Salmon Plate\* (market price)  
Note: Kalua Pig on the Hawaiian Plate can be substituted with select specials on Fridays. Ask store for details.

Valentine's Day Specials - Broiled Sirloin Steak with "Sweetheart" Shrimp (Dine-In Restaurant Only, February 13-14)

Lent Special! - Spaghetti alla Verdura (Served Fridays only during Lent)

St. Patrick's Day Specials - Corned Beef & Cabbage (Mar. 16-18), Pot of Gold Soup (Mar. 17 only)  
Note: Some daily specials may not be available during holiday specials. Call store for availability.

... or can order pizzas

(not obliged ... from tomorrow  
Many options on campus)

### January 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	A 9	B 10	C 11	D 12	E 13	F 14
A 15	B 16	C 17	D 18	E 19	F 20	A 21
B 22	C 23	D 24	E 25	F 26	A 27	B 28
C 29	D 30	E 31				

### March/April 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				E 1	F LINT SPECIAL 2	A 3
B 4	C 5	D 6	E 7	F 8	A LINT SPECIAL 9	B 10
C 11	D 12	E 13	F 14	A 15	B 16	C 17
D 18	E 19	F 20	A 21	B 22	C LINT SPECIAL 23	D 24
E 25	F 26	A 27	B 28	C 29	D LINT SPECIAL 30	E 31
F APR. 1						

### February 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			F 1	A 2	B 3	C 4
D 5	E 6	F 7	A 8	B 9	C 10	D 11
E 12	F 13	A LINT SPECIAL 14	B 15	C 16	D 17	E 18
F 19	A 20	B 21	C 22	D 23	E LINT SPECIAL 24	F 25
A 26	B 27	C 28	D 29			

Ala Moana	973-0870	Kapahulu	733-3725	Vineyard	532-4211
Dillingham	832-1750	Kapolei	674-1773	Wahiawa	622-4166
Ewa	687-3500	Koko Marina	396-6977	Waiau	483-3775
Kahala	733-3730	Makiki	594-3720	Waimalu	483-4315
Kahului (Maui) (808) 856-7599	McCully	973-0877	Waipahu	671-4065	
Kailua	266-3780	Mililani	623-1110	Waipio	671-1865
Kaimuki	733-3722	Nimitz	532-4205	Wm. Henry	233-3343
Kalihi	832-1755	Pearl City	453-3715		
Kaneohe	233-2700	Pearlridge	483-2510		

Have feedback on our new weekly specials menu? Go to [www.zippys.com/forum](http://www.zippys.com/forum)  
NOTE: Menu & prices are subject to change without prior notice. Prices listed are for fast food counters only. Prices slightly higher at Zippy's Ala Moana, Pearlridge & Kahului. REV. 1/07/12 Fast Food

# Schedule



from **Monday 16 January 2012 (08:00)**  
to **Wednesday 18 January 2012 (20:00)**  
Pacific/Honolulu  
at **Watanabe Hall ( WAT 417A )**

Description: Annual working group of the Belle II Trigger/DAQ

[Monday 16 January 2012](#) | [Tuesday 17 January 2012](#) | [Wednesday 18 January 2012](#)

## Monday 16 January 2012

[top](#) ↑

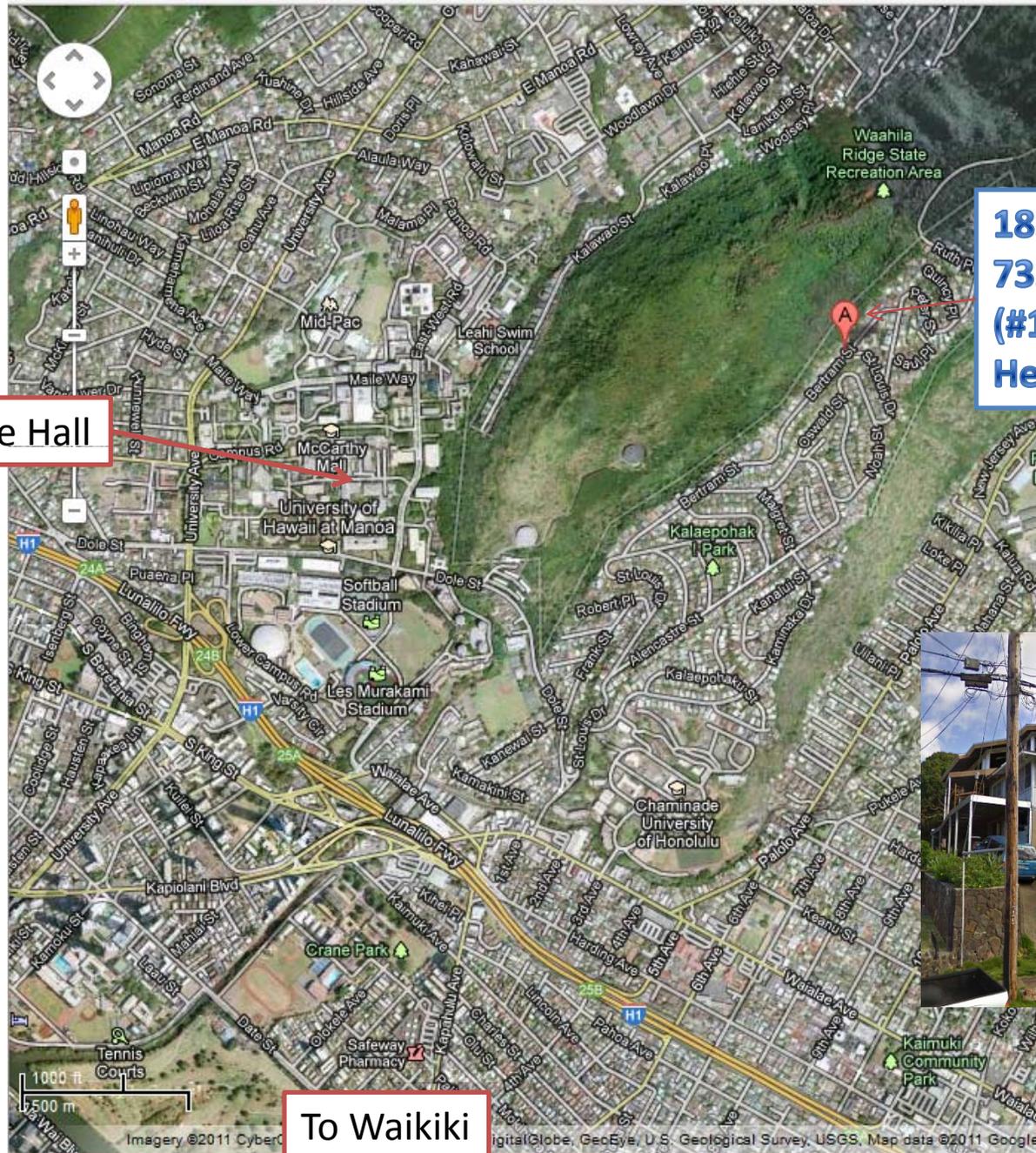
09:00	Welcome/overview (10)	Gary Varner ( <i>University of Hawaii</i> )
09:10	Goals and Plans for this Belle II Trigger and DAQ Workshop (20)	Ryosuke Itoh (KEK)
09:30	Status of the KLM front-end systems (barrel and endcap) (30)	Gerard Visser ( <i>Indiana U.</i> ) , Dmitri Liventsev (KEK)
10:00	Status of the ECL DAQ subsystems (30)	Vladimir Zhulanov (BINP)
10:30	coffee break (30)	
11:00	Status of the TOP front-end/DAQ (30)	Kurtis Nishimura ( <i>University of Hawaii</i> ) , Matt Andrew ( <i>University of Hawaii</i> )
11:30	Status of Aerogel RICH DAQ (30)  ( )	Shohei Nishida (KEK)
12:00	lunch break (1h30)	
13:30	Status of the CDC front-end/DAQ (30)  ( )	Shoji Uno (KEK)
14:00	Status of the SVD front-end/DAQ (30)	Koji Hara (KEK)
14:30	Status of the PXD front-end/DAQ and PXD power supply (30)	Christian Kiesling ( <i>MPI Munich</i> ) , Stephan Sommer ( <i>Tech Univ Munich</i> )
15:00	coffee break (30)	
15:30	Update on common DAQ component radiation hardness (30)  ( )	Higuchi Takeo (KEK)
16:00	Subdetector radiation hardness status and plans (1h00)	
17:00	discussion overflow (40')	

## Tuesday 17 January 2012

[top](#) ↑

09:00	KLM Trigger status (30)	Brandon Kunkler ( <i>Indiana U.</i> ) , Leo Piilonen (VPI)
09:30	ECL Trigger status (15')	ByungGu Cheon ( <i>HanYang U.</i> )
09:45	TOP Trigger status (15')	Xin Gao ( <i>University of Hawaii</i> ) , Luca Macchiarulo ( <i>University of Hawaii</i> )
10:00	Status of the conventional 3D track trigger (20)	Eunil Won ( <i>Korea U.</i> )
10:20	Status of planning for a Neuromorphic CDC Trigger (20)	Karlheinz Meier ( <i>Univ. of Heidelberg</i> )
10:40	GDL status (20)	Yoshihito Iwasaki (KEK)
11:00	coffee break (15')	
11:15	Timing and Trigger distribution System update (1h30)	
12:45	lunch break (1h15')	
14:00	Discussion on Trigger rate/data size reduction (1h00)	R. Itoh (Chair discussion) (KEK)
15:00	coffee break/Lab Tours (ID, DD, radio, KHA(?)) (30)	
15:30	Belle2link and DAQ tutorials (1h30)	Mikihiko Nakao (KEK) , Zhen'An Liu (IEHP)
17:00	sunset discussions (cocktail hour) (1h00')	
18:00	Workshop dinner (2h30')	
(Wa'ahila Ridge - 1852 Bertram St.)		

# Workshop Cocktails/Dinner (Tuesday)



**1852 Bertram St.  
732-7067  
(#14 bus to St. Louis Heights)**

**Watanabe Hall**

**To Waikiki**



# As usual, will juggle schedule as needed

**Wednesday 18 January 2012** [top↑](#)

09:00	Belle II Event builder (45)	S.Y. Suzuki (KEK)
09:45	PXD Integration (45) ( Slides )	T. Higuchi (KEK)
10:30	coffee break (30)	
11:00	Data flow in the Belle II DAQ (30)	Ryosuke Itoh (KEK)
11:30	HLT status (30)	R. (for S.H. Lee) Itoh
12:00	DQM and Prompt Reconstruction (30)	Ryosuke Itoh (KEK)
12:30	lunch break (1h00)	
13:30	Requirements for Belle II Run/Slow Control (15) (list of items to be controlled)	Mikihiko Nakao (KEK)
13:45	NSM Update (15)	
14:00	PVSS option for Belle II (15)	Stephan Sommer (Technical University of Munich)
14:15	Run Control scheme (15) COPPER and Belle2link control and error recovery in the data path	Mikihiko Nakao (KEK)
14:30	Space and Services issues (1h00) E-hut, On-detector layout Power supply locations/cooling Plans for detector grounding plan	
15:30	coffee break (15)	
15:45	Summary of the Workshop (30)	Takeo Higuchi (High Energy Accelerator Research Organization)
16:15	Closing Remarks (& contingency) (45)	Ryosuke Itoh (KEK)

While many “old timers”, chance to meet new members

Revise plans toward 2015 integration/operations

Malamalama

