

# Welcome to Santa Cruz

The local organizing committee welcomes you to the Topical Workshop on Electronics for Particle Physics, TWEPP 2017 at the University of California Santa Cruz. The workshop is hosted by the Santa Cruz Institute for Particle Physics (SCIPP) with support from the European Organization for Nuclear Research (CERN).

This area was first inhabited by the Ohlone people dating back thousands of years. The name Santa Cruz, meaning “Holy Cross” in Spanish, was adopted from the mission established by the Spanish Franciscan missionary priests in 1791. The Spanish governor also established Villa de Branciforte across the river from the mission in 1797 to help secure their holdings of Alta California with its capital across Monterey Bay in the village of Monterey. With the takeover of California by settlers from the United States in the mid nineteenth century and the eventual statehood, this area around the north end of Monterey Bay prospered with the logging industry. The land now occupied by our University campus became the property of Henry Cowell. The forest was logged and the land was mined for limestone. Much of the wood to rebuild San Francisco after the 1906 earthquake came from here. There are still remains of the limestone kilns down at the base of campus and there are underground caverns created by underground aquifers eroding the limestone deposits. Beginning early in the twentieth century, this north end of Monterey Bay was recognized as an ideal resort area. Locals appreciate that the local climate provides more sun and less fog than at the south end of the bay. An amusement park was built on the beach which still operates and is kept up to date, some of its components like the carousel with hand carved horses are over a hundred years old.

## **UCSC**

The University of California Santa Cruz was established in 1965 as the ninth of now 10 campuses of the University of California. In spite of its relatively young age, the campus has made a name for itself in many areas in addition to high energy physics. The Astronomy and Astrophysics department is very strong with the management of all University of California observatories located here. The leader of the national Human Genome project is on our faculty. In addition to these research standouts, much of the focus of the campus is on undergraduate education.

## **SCIPP**

The Santa Cruz Institute for Particle Physics grew out of the experimental particle physics research group and associated theory group all added to the physics department in the early years of the campus. The institute was established in 1980 as an Organized Research Unit within the University of California System headquartered here at the UCSC campus. While its initial work was focused on high energy particle physics, the interests of the institute have expanded into a much broader area of research now encompassing astro-particle physics, astronomy and astrophysics, neurobiology and medical instrumentation. The expansion into these areas has been guided by the interests of its researchers and the synergy of the instrumentation developed by SCIPP which has allowed advancement in this broader area of scientific research. Research and development in scientific instrumentation have been key elements of the work here, driven by the scientific inquiry that requires advancement in instrumentation but then enabling new areas of inquiry that can be supported by the resultant advanced instrumentation.

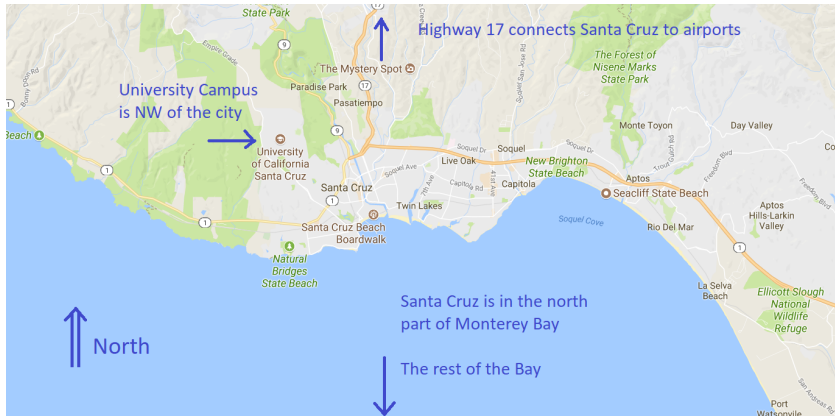
## Workshop Venue

The workshop will be held in four locations on the UCSC campus, which is on the hill overlooking the City of Santa Cruz.

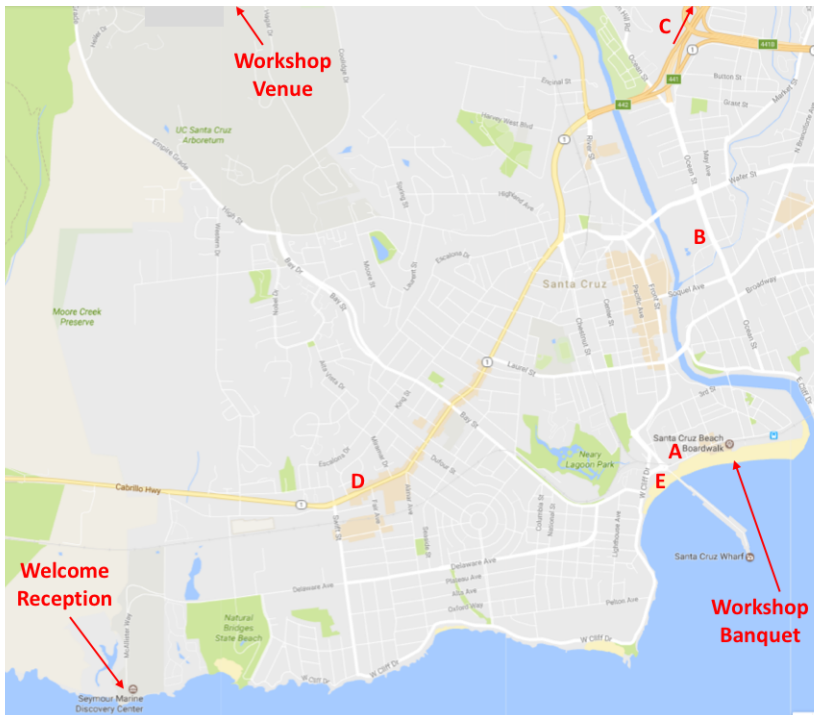
Registration and the plenary talks, half of the parallel sessions and the coffee breaks will be held in the Earth and Marine Sciences (E&MS) building. The other half of the parallel sessions will be held in the Thimann I lecture hall, a very short walk from the E&MS building. For the Working Group session, the third group will meet in the Natural Sciences Annex, also a short walk from the E&MS building. The poster sessions will be held in the dining hall of Porter College, also the location of daily lunch. Porter College is a 15-minute walk from the location of the two lecture halls and meeting room. The Tutorial on Friday will be held in the same E&MS building.



# A Look at Where We Are



*A look at the city of Santa Cruz, the University of California Santa Cruz campus and their relationship to Monterey Bay and the surrounding areas.*



*The City and Surrounding Area Map*

### **Some selected hotel locations:**

A: Beach Street Inn \*  
125 Beach Street

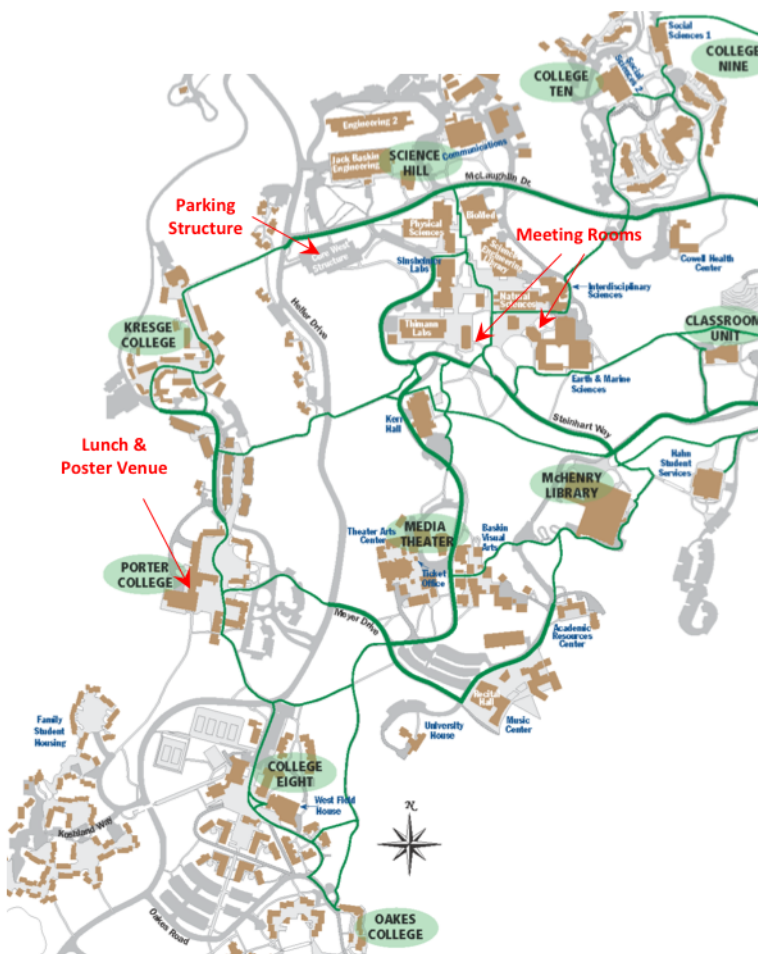
D: Mission Inn  
2250 Mission Street

B: Hotel Paradox \*  
611 Ocean Street

E: Dream Inn \*  
175 W. Cliff Drive

C: Hilton Santa Cruz/Scotts Valley  
6001 La Madrona Drive

\* With shuttle service



*Map of Science Hill & Inner Campus*

More detailed maps available at:

<http://scipp.ucsc.edu/TWEPP2017/logistics.html>  
<http://scipp.ucsc.edu/TWEPP2017/maps.html>



*Earth & Marine Sciences Building  
Entrance to the Main Lecture Hall is in View  
Registration & Help Desk and Coffee Break Area  
are in the Lobby down the steps at right*



*Thimann I Lecture Hall  
Location of parallel talks  
As seen from the walk from E&MS.*



*Entrance to Porter College Dining Hall  
Location of lunches & Poster Sessions.*



*Natural Sciences Annex as Seen from E&MS  
Meeting room is in the basement.*

## **Other Information**

### **Registration & Help desk**

The registration desk will be located in the lobby of E&MS. The desk will be open during coffee breaks and from 8:00 to 10:00 am on Monday, 11-Sep, through Thursday, 14-Sep.

### **Computer / Internet access**

Free wireless connection will be provided in the conference rooms. Eduroam is present on campus. UC Santa Cruz also runs another WiFi network, called “cruznet”, which is open to visitors. Access to cruznet is gained by clicking the “Access CruzNet” button in the window that pops up when you select cruznet for your WiFi connection.

### **Speaker Instruction**

Talks will be projected from a conference computer system. Please provide/upload your talk as soon as possible or, at least, the day before your talk is scheduled. Upload your talk (PDF or Microsoft PowerPoint. No other format will be accepted.) to the Indico agenda system or bring it (Pen-Drive) to the conference desk the day before your talk is scheduled.

## **Posters Session**

Poster contributions should be of size 36" x 48" and in portrait orientation (width 914 mm, height 1219 mm) with some tolerance.

There will be two poster sessions, which will be held on the afternoons of Tuesday, September 12, and Wednesday, September 13 in the same large room where lunches will be served. Posters for the Tuesday session can be mounted as early as lunch time Monday but must be up for display no later than midway through the Tuesday lunch period and removed immediately after the Tuesday poster session. Posters for the Wednesday session should be up for display no later than midway through the Wednesday lunch period and removed no later than the end of the lunch period Thursday. Presenters for the Tuesday session are encouraged to have their posters up early in the Monday lunch period and presenters for the Wednesday session to leave their posters up until the end of the Thursday lunch period. This will allow participants to view your posters during the lunch period the day before or the day after your session.

The posters should also be submitted in PowerPoint or pdf format to the Indico agenda page. Posters will be sorted by topic. The poster walls will be labelled such that you will find the proper place for your poster. There will be helpers available with material to attach your poster and to help locate where to mount them during the Monday and Wednesday morning coffee break and at the beginning of the Monday and Wednesday lunch period.

## **Tutorial**

For those registered for the Tutorial “ASIC design below 65 nm: benefits and challenges with designing in advanced CMOS nodes”, it will be held on Friday, 15-Sep, in the same lecture hall of the Earth & Marine Sciences building as were the plenary sessions. The room will be opened at 9:00 for set up with the lecture starting at 9:30. The Tutorial will end at 12:45 with a 15-minute coffee break in between. No lunch will be served on Friday. A shuttle will be available to and from the Beach Street Inn and the Hotel Paradox.

# Social Events

## Welcome Reception

Monday Evening, 11-September

The Welcome Reception will take place at the Seymour Marine Discovery Center, which is located on a bluff overlooking the Pacific Ocean, about 3.4 miles from campus. Shuttle transportation will be provided for those without cars from campus to the Seymour Center and then back to the selected hotels. For those with cars, your campus parking permit can be used at the reception as well.



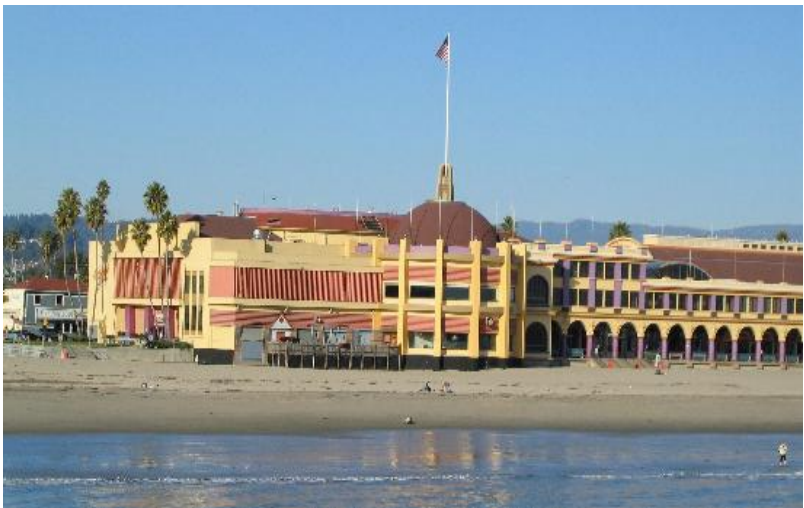
The location of the Seymour Marine Discovery Center can be found on The City and Surrounding Area Map.

## **Social Events (cont.)**

### **Workshop Banquet**

Wednesday, 13-September, 19:00

The workshop banquet will be held in the Coconut Grove at the Santa Cruz Beach Boardwalk just above the city main beach. Shuttle transportation will be provided from campus to the Coconut Grove for those without cars. The Dream Inn and the Beach Street Inn are in walking distance from the Coconut Grove. Shuttle transportation will be provided at the end of the banquet to the other selected hotels.



The Coconut Grove Ballroom is on the second floor of the Beach Boardwalk's main building shown in the picture.

## List of Suggested Restaurants

### [Aquarius Restaurant](#)

(American)  
175 W Cliff Dr,  
Santa Cruz, CA 95060  
831 460 5012

### [Ristorante Avanti](#)

(Italian)  
1917 Mission St  
Santa Cruz, CA, 95060  
831 427 0135

### [Laili Restaurant](#)

(Middle-eastern)  
101 B. Cooper Street  
Santa Cruz, CA 95060  
831 423 4545

### [El Palomar](#) (Mexican)

1336 Pacific Ave.  
Santa Cruz, CA 95060  
831 425 7575

### [Sabieng](#) (Thai)

1218 Mission St  
Santa Cruz, CA 95062  
831 425 1020

### [Riva](#) (Seafood)

31 Municipal Wharf  
Santa Cruz CA 95060  
831 429 1223

### [Olitas](#) (Mexican)

49B Municipal Wharf  
Santa Cruz, CA 95060  
831 458 9393

### [West End Tap and Kitchen](#)

(Pub Food)  
334 Ingalls St D  
Santa Cruz, CA 95060  
831 471 8115

### [Crow's Nest Restaurant](#)

(American)  
Santa Cruz Yacht Harbor  
2218 East Cliff Drive, Santa  
Cruz, CA 95062  
831 476 4560

### [Aldo's](#)

(Seafood)  
West Side Santa Cruz Yacht  
Harbor  
Santa Cruz, CA 95062  
831 426 3736

### [Lilian's](#)

1148 Soquel Ave  
Santa Cruz, CA 95062  
831 425 2288

[Mobo Sushi](#) (Japanese)  
105 River St.  
Santa Cruz, CA 95060  
831 425 1700

[I love Sushi](#) (Japanese)  
516 Front St.  
Santa Cruz, CA, 95060  
831 421 0706

Malabar  
(Vegetarian Asian Fusion)  
514 Front St.  
Santa Cruz, CA 95060  
831 458 3023

["burger."](#)  
(Balanced Burgers)  
1520 Mission St.  
Santa Cruz, CA 95060  
831 425 5300

Sesame Korean Grill (Korean)  
435 Front St.  
Santa Cruz, CA 95060  
831 429 5555

[Chocolate](#) (Sweet)  
1522 Pacific Ave.  
Santa Cruz CA 95060  
831 427 9900

[Gabriella Café](#) (Italian)  
910 Cedar St.  
Santa Cruz, CA 95060  
831 457 1677

Redroom Cocktail Lounge  
(Local Bar, 2 floors)  
1003 Cedar St.  
Santa Cruz, CA 95060  
831 426 2994

**TWEPP 2017 is organized with support from**

