

**TWEPP 2017**  
**Welcome to University of California Santa Cruz**  
**and**  
**Santa Cruz Institute for Particle Physics**  
**11-Sep-17**

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**SCIPP - UCSC**

- On your way here from downtown as well as your walk from the parking structure or the shuttle stop, you saw a glimpse of our campus.
- You'll have occasion to see more of it the rest of this week.
- **A City on a Hill**
  - to copy the name of our campus newspaper or ...
- A campus located in a forest, on a hill, over looking Monterey Bay
  - how I described it in my proposal last year to host TWEPP here.



Part of the Forested Campus



View of Monterey Bay from Campus

- This campus is a very special place. Everyone who visits comments how beautiful it is. Hopefully, you will also find it so.
- Thank you for coming and participating!

## The Surrounding Forest

- Everywhere you look here, there are redwood trees.
  - All are second growth, a little over a 100 years old.
  - This area was heavily logged in the late 19<sup>th</sup> and early 20<sup>th</sup> centuries.
- There is also an abundance of wild life.
  - The deer have learned not to be bothered by the encroaching humans.
- This is nearing the rutting (mating) season.
  - You might see a pair of young bucks (male deer) testing this year's growth of antlers on each other.
  - Best not to get too close – males sometimes become overly enthusiastic in mating season.
- The wild turkeys also don't like humans to get too close.
- And if you take one of the walking trails up above campus, you might see warning signs for cougars.
  - Those are for real.
  - The cats normally prowl only at night.
  - I don't know of any attacks of humans on campus but the results of their night time hunting have occasionally been seen.





- Your host here at UCSC is the Santa Cruz Institute for Particle Physics (SCIPP).
- As with many acronyms, some liberty is taken with its pronunciation.
- We pronounce it with a "hard C" and a "short I" just like the English word "skip".
- SCIPP is an institute within the University, independent of other departments but closely associated with some like the physics and astronomy/astrophysics departments.
- Our director Steve Ritz, is not able to be here today as he was called away for an important meeting at Cal Tech.
- Our Deputy Director Jason Nielsen will tell you more about SCIPP and research here at UCSC in the next talk.
- The Local Organizing Committee (The Green Shirt Brigade)

Alex Grillo

Terry Schalk

Mike Testa

Mykell Discipulo

Hervé Grabas

Maria DelMar

Vicki Johnson

Sue Grasso

Zachary Luce

Tony Affolder

Sarah Mechbal

Katherine Dunne

Vitaliy Fadeyev

Cole Helling

– We are all here to help

## Daily Transportation

- Those of you who drove a car to campus must have a parking permit.
  - If you don't have one displayed on your car, you will be (or already have been) ticketed.
  - We at SCIPP don't have the power to waive parking tickets.
  - If you need a permit, see the help desk immediately.
- Those of you that rode one of the two shuttles:
  - Every morning each shuttle will make two passes by the hotel stops.
  - This morning, there was a third pass to pick up late comers but only today.
  - Also, not everyone at the designated hotels served a shuttle can fit on the bus at the same time. Some of you must ride the early trip or everyone won't fit on the second trip.
  - This will also be the case for the evening shuttle back down the hill.
- If you have any special needs regarding walking while on campus, we have a van to help.
  - See the help desk.

## Venues for Our Sessions

- All plenary sessions will be held in this lecture hall.
- Parallel sessions will be held here and in the Thimann I lecture hall.
  - Just a short walk across the way.
- On Wednesday afternoon, there will be three working group meetings in parallel so a third room in the Natural Sciences Annex will be added.
  - More on that Wednesday.
- Coffee breaks will be held just outside this hall in the E&MS lobby and two adjoining patios.



View of Thimann from E&MS



E&MS Lobby



E&MS Patio



## Lunch & Poster Sessions

- **Lunch will be held at Porter College.**
  - a 10 to 15 minute walk from here.
  - Your TWEPP 2017 badge will be your ticket for lunch.
  - It will be important to allow yourself enough time to to make it back here for the first afternoon session.
  - The schedule doesn't allow a separate 10 minutes to make this walk back.
- **The poster sessions will also be held there in the same dining hall.**
  - As the two poster sessions end the Tuesday and Wednesday agenda, the shuttles will leave on those two days from Porter.
- **And the afternoon coffee break just before the two poster sessions will be held there as well.**
- **We will take our Workshop Photo at Wednesday afternoon just before coffee and after walking to Porter.**
- **Special note for today's Schedule:**
  - There is an approximately 1 hour gap after the morning talks and before lunch.
  - One possible use of this time is to walk to the bookstore.
    - Some volunteers will lead a group interested in this excursion – but don't be late for lunch!
    - Or you can visit our corporate sponsors in the lobby.



Entrance to the Porter College Dining Hall

## Overview of the Campus Venues

- Just to give you a sense of the relative locations of the important buildings, here is a map of the Science Hill area and Porter College.
- As you saw in your walk here from the Parking Structure or the Shuttle stop, we have placed many signs to guide you from place to place.
- And there are many helpers with these green T-shirts to help as well.
- Ask any of us for help.





## A Short Note on Safety

- If the fire alarm (a loud piercing noise) should sound during the plenary or parallel sessions, you should exit the building directly by walking and not running, and assemble in the outdoor area between E&MS and Thimann.
- If it should sound during lunch or the poster session, you should again exit that Porter building through the main front entrance and assemble in the courtyard in front of the main entrance of the dining hall.
  - Do not attempt to exit via the patio on the lower floor as the patio gate may be locked preventing you from completing your exit.

## Welcome Reception This Evening

- This evening we will have a Welcome Reception at the Seymour Marine Discovery Center.
- The entire Center will be reserved for us, including the live exhibit area.
  - The patio provides an excellent view of the Pacific Ocean.
- For those of you using the shuttle service:
  - The shuttles will pick you up where you were dropped off this morning to take you to the reception.
  - At the end of the reception, they will take you back to your hotels.
  - Find the correct shuttle that is going to your hotel. Each bus does not go to both.
- For those of you driving, your campus parking permit will work at the reception. Keep it displayed on the dashboard or hanging from the rear view mirror.



Skeleton of a Blue Whale  
that Beached Some Years Ago

## Banquet Wednesday Evening

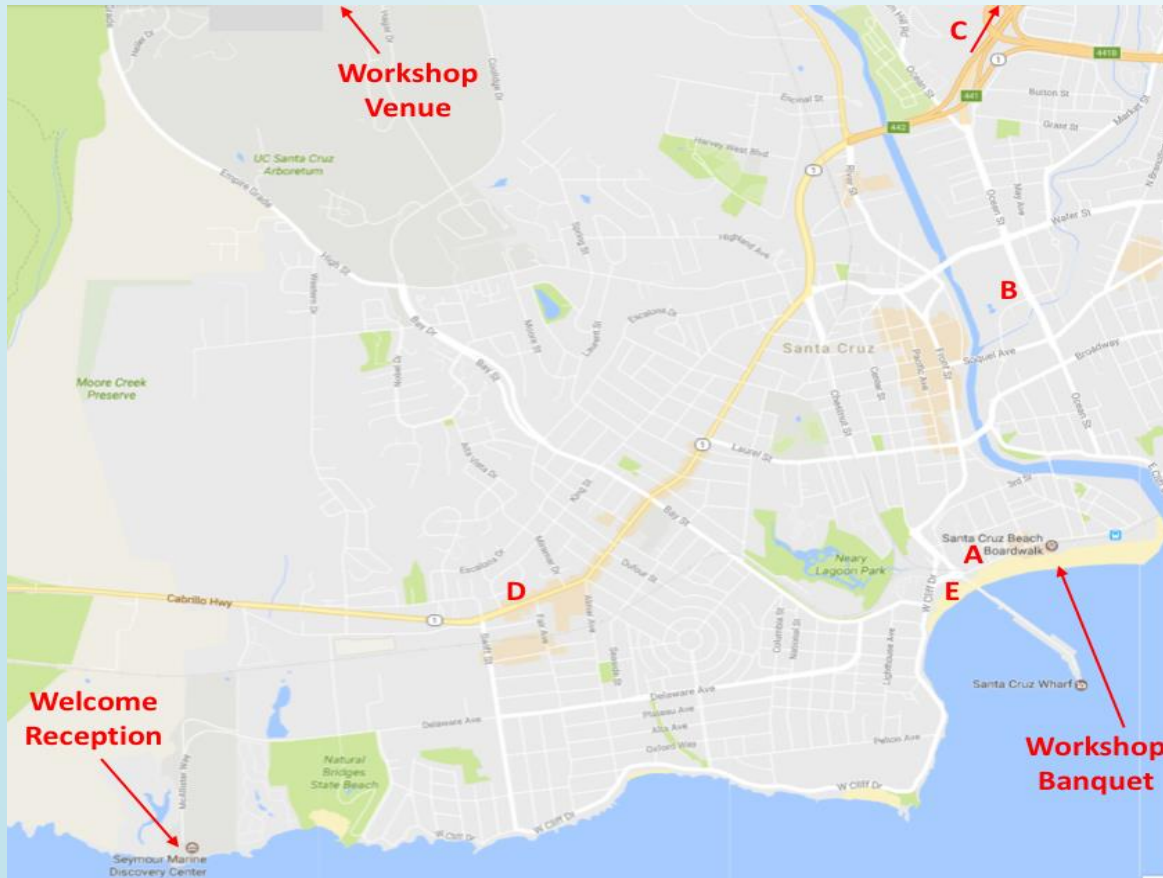
- The workshop banquet will be held at the Coconut Grove ballroom overlooking the main beach in downtown Santa Cruz.
  - Doors will open at 18:30 – Appetizers will start sometime before 19:00.
  - The windows of the rotunda provide an impressive view of the beach, the municipal wharf and the bay.
- For those of you using the shuttle service:
  - The shuttles will pick you up at Porter College at the end of the Poster Session.
  - At the end of the banquet, there will be one shuttle going to the Hotel Paradox. The Beach Street Inn and the Dream Inn are within walking distance of the Coconut Grove.
- For those of you driving, the recommendation is to park in the lot across the street from the Coconut Grove (\$5.00) unless your hotel is the Beach Street Inn or the Dream Inn, in which case you should park at your hotel and walk to the banquet.



Coconut Grove Ballroom – Second Floor under the Dome



## Directions to Reception and Banquet



- On the SCIPP home page for TWEPP 2017, there is a tag the “Conference Local Pages”.
  - If you click on this, you will access a pdf file that contains more information about UCSC, SCIPP, and the workshop.
  - There is also a list of recommended restaurants.

- **Directions to the Seymour Center:**
  - From Campus drive down Bay Street to Mission.
  - Turn right on Mission Street to Swift Street.
  - Turn left on Swift to Delaware Avenue.
  - Right on Delaware to McAllister Way and follow signs to Seymour.
- **Directions to Coconut Grove:**
  - Drive down Bay Street to West Cliff Drive.
  - Turn left, drive straight through the roundabout.
  - Coconut Grove on right, parking on left.

## Keep to the Schedule!

- A message brought to you by the TWEPP International Organizing Committee.
- Talks must be uploaded to the Indico agenda the day before.
- After this morning, we will start at 8:30 each day.
- Invited talks: 40 min + 5 min questions.
- Parallel session talks: 20 min + 5 min questions.
- To help you not run over your allotted time, each session convener will have a timer as the one pictured here.
  - You can talk as long as the green light is on.
  - The yellow is a warning.
  - But you must stop when the red light comes on.
- Conveners will keep to the schedule.

