

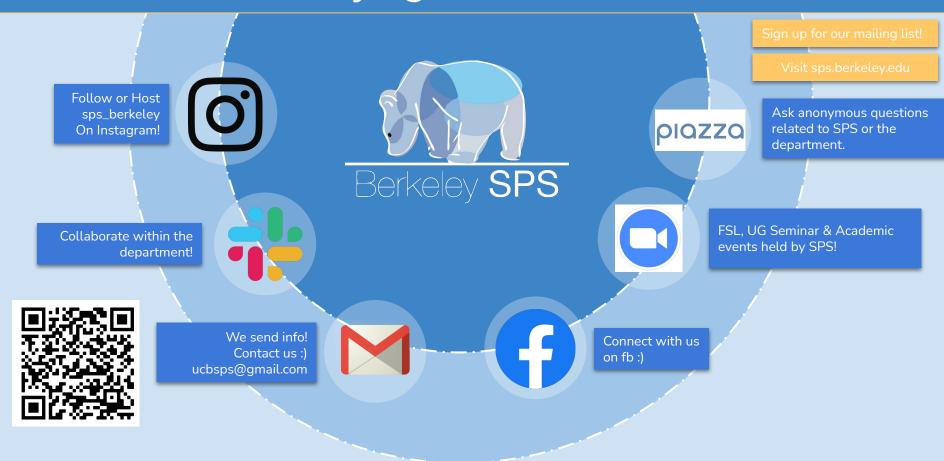


What is SPS?

The Berkeley Society of Physics Students is the official voice of the undergraduate physics community and serves to bridge the gap between the department and students.

Through academic, social, and outreach opportunities, we aim to foster a supportive and inclusive environment for people of all backgrounds.

Staying Connected

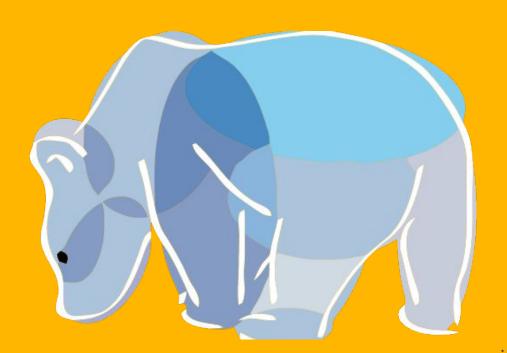


Outline

What you'll hear today!

- 1. Berkeley Discover
- 2. Officers
- 3. Committees
- 4. Events
- 5. Upcoming Events
- 6. Pizza!

Berkeley Discover - a grant to improve your experience as a physics undergraduate!



- Equalize the Space
 - Share stories and experiences, not names/gossip
 - All knowledge and opinions are equally valid
 - Give space before taking space
- Check your Assumptions
 - No judgements (including self-judgements) or disclaimers
 - Treat everyone as an individual and not a representative of a specific group
 - Believe in our common best intentions
- Right to be Human
 - Avoid blaming people for misinformation taught to them
 - Acknowledge emotions
 - Practice forgiveness
- Practice Consensual Dialogue
 - Active listening













Kobe + Ameya Seminar



Wendy Presidents



VΡ



Media

E&I





Secretary

Webdev



Outreach







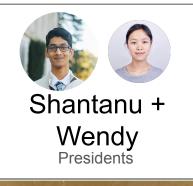


Max + Christian Ruoyi + Vibhu

Treasurers

Digvijay + Ninni **Projects**

Competitions







About:

- Out-of-state
- 4th year
- Vegan



Research Exp:

- Particle Phy.
- Electrical Eng.
- Power outages & solar panels
- Biophysics



Interests:

- Environment
- Chalk
- Fooooood







Wendy Presidents

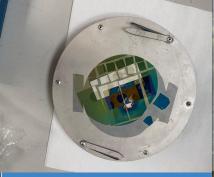


Research in the good old days→

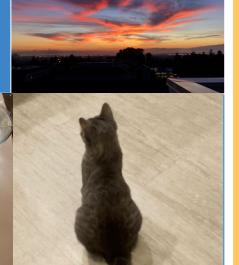
My ugly cat: just got a surgery ;(

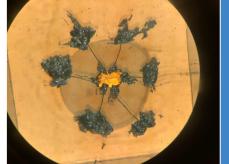


Research: CONDENSED MATTER!



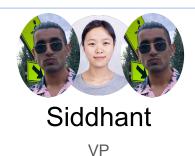
Sunsets in Campbell are the best I've seen





LOVE fooood!!! (subscribed in Hello Fresh but ended up quitting)





Me and my friends



Research:
Topological
Insulators and
recently left AMO!!



I call the worst city in the world my home (yup, Delhi). Like physics for the masochistic pleasures. Have a mini crush on one of the seminar chairs (won't tell who)



LOVE COOKING AND SINGING!!!



I like being edgy and waging war upon racoons.



Elena E&I



Research: Medical Physics stuff

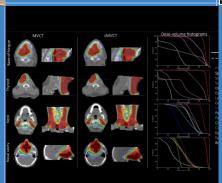
(very, very vague)



Ask me about

- Dance @ Cal
- Hiking in Birks
- Changes you want to the department

From San Diego (Cali born and have never left). No, I do not surf :P



3rd year

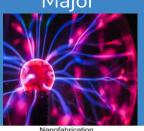
Physics & Applied Math

- Thrive Dance Co. Comms Director
- Kinda do some CS stuff (low commitment, high reward)
- DE&I Student Rep





Fourth Year Physics Major

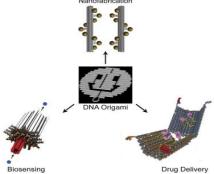












Hobbies: Cooking (eating), storytelling, talking (a bit too much), playing games with friends.





Interested in:
Physics (as
expected),
chemistry, biology,
dancing, basically
everything.





Research Interest: High Energy Theory, Putting tight bounds on fart noisiness



Hobbies:

harpsichord,

Skribbl God

crackers, cereal,

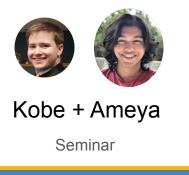
eating peaNUTS,

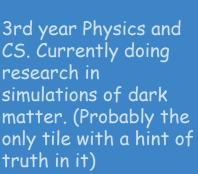
Ping Pong, Soccer,





I'm from south africa and i surf a lot and uh I uh... what else do i do... play with snakes? And uh crack deez nuts jokes and uhh...







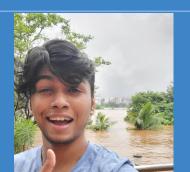




I was a cute kid.



I might be into anime, can't tell yet, need a body pillow first



About:

- Call me Howard if you'd like!
- From LA
 Diamond Bar
- 2nd year physics and CS major

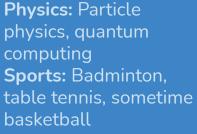




Secretary

(Howard)

Research: Search for new physics by ML models data analysis @ ATLAS



Movies: Theory of Everything, The Martian, Interstellar Fun: Fingerstyle guitar, league, rhythm games, anime and J-POP (Yonezu Kenshi)



^^ Meet Momo!
She's a Border
Collie, soon will be
her 1 year old
birthday.



Actual History:

- From Bilbao, Spain!
- 2nd Year Physics and Math major
- Went to HS in the UK and Spain





Research History:

- Neutrinos @ IceCube
- Particle @ ATLAS (w/ BingXu!)
- Nuclear @ Berkeley



Pablo

Outreach

Fun Facts:

- Like basketball, GSW fan!
- ULAB mentor this year
- Lazy in weekend





Hobbies:

- Hanging out with girlfriend and the bois
- Eating
- Sleeping
- Physics (maybe?)



Opinions:

- Jeremy Brett is the best Sherlock Holmes
- Revenge of the Sith is a masterpiece
- Philipp Lahm is the GOAT right back



- Likes:
- Books
- History of the Civil War
- FC Bayern winning
- Sleeping to the afternoon



Media Chair

Research:

Develop and use optical spectroscopy to probe quantum materials

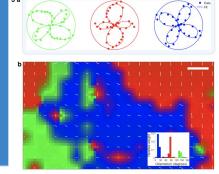


Dislikes:

- taking pictures of myself (...)
- Washing dishes
- not having the high ground

I'm:

- a 3rd year intended physics and applied math major
- a meme lord
- from LA but born in Beijing







My name is Nathaniel physics and math

- major
 -neutrino physics
 research
- -3rd year

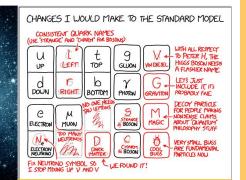
Likes:-jazz
-movies

Dislikes:

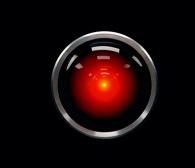
-wet socks

-covid-19







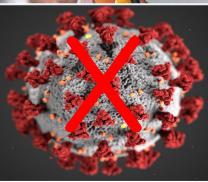




Nathaniel

BBQ

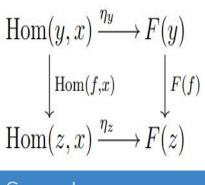




I am the grill master!





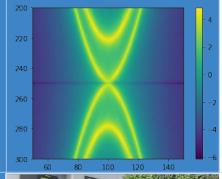


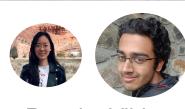


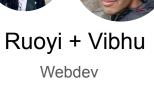
Research: (in Zaletel group)
- Simulating time crystals to probe for superconductivity
- Theoretically modelling non-linear circuits

Second year
Physics and math
major
Does not believe in
superstitions

Meet Chocolate (street name Butty) -More talkative than me - Will bite you



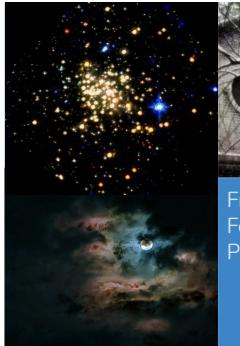






Originally from Chennai, IndiaPlays the violin (Indian classical)Likes hiking and movies

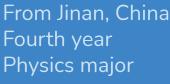


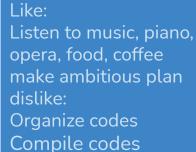






Research:
Astrophysics: binary
stars and
Intermediate-mass
black hole
CMP: light-matter
interaction



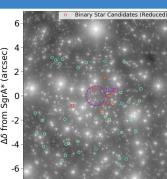




Ruoyi + Vibhu

Webdev





Lives in the Campbell Hall Some random glades

. Detected

-20 -20 Numper of I



Who am I

- 3rd year Astrophysics/Physics
- Into music
- Also into food
- And volleyball
- Sometimes chess



How do I

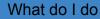
- With a lot of stubbornness
- With friends
- By the grace of God





Max + Shaunak

Treasurers



- Lots of eating
- Listen to music
- Look at the sky often
 - Vibe





- Don't have a pet
- Noel (my roommate)
- CS -> DS -> CogSci
- Musically talented
- Culinarily challenged
- My fav person



Likes

- Hats
- Space
- Food

Dislikes

- Math
- Spicy food

Interests: Condensed Matter Physics, Music (Gypsy Jazz and Classical Music), Baking, Coffee

About Me:

- 3rd Year
- Physics and CS Major
- From Louisiana(the other LA)











Max + Shaunak

Treasurers







- Growing out Hair
- Sleeping



Research Stuff:

Particle Physics Theory (there is nothing more beautiful than a Grand Unification Theory) and phenomenology with Profs. Yury Kolomensky, Kam-Biu Luk, Hitoshi Murayama, and the ATLAS group @ LBNL



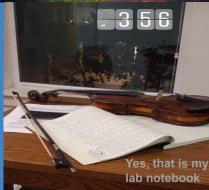
Hobbies:

- Acrylic Painting
- Violin, Keyboard
- Watching cricket
- Playing tennis
- Photography
- **when he is not in the photo**
- Beatboxing, whistling



About:

- 4th year Physics and (pure!) Math major
- Adores Organic Chemistry
- 30+ hour journey to home in India (100 deg. F is not hot)
- Highly inefficient for 95% of the day but unleashes timely delta potentials to make up



Beard Facts

Digvijay Ninni

beards rarely

Beards are almost completely immune to sarcasm Quadruples handsomeness

Stroking of

beard increases

concentration,

cognitive ability

Science has

shown that

Filters the air of toxins, pollution, and stray food

Lets you instinctually

Dramatically increases your wood-chopping capabilities

Natural bear-

repellant when

camping or

wandering in the

Acts as a homing

beacon attracting the jealousy and admiration of the beardless

Fits on your face know where the nearest

Believe it or not:

- Once slept 2 hours in 5 days
- Sings better in a female voice
- Was in 4 research groups at the same time
- Never ever loses his temper. Here is a non-example ---->

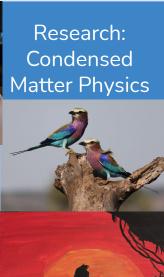


Projects

-Third year Physics major -International student from Kolkata









Hobbies:

- -Talking (a lot)
- -Wildlife Photography
- -Taekwondo
- -Drinking bobaless boba
- -Baking and painting?
- -Traveling and learning about other cultures





Digvijay + Ninni Projects

Random:

- -I am always sleepy
- -l am scared of fish
- -I have been on THE Harry Potter train
- -I am the most random person you'll ever meet

About:

- 2nd year
- Need to have more milk than coffee in the coffee









Interests:

- Physicsss
- Poetry
- Basketball!!
- Foooood
- Sleep
- Hang out





Vivian + Binhan
Competitions



- Weeb

middle aged man)

lot)



- Attempting to grow out long hair from a buzz cut (6 month in)
- Have a few katanas (idk why)
- Tired



Vivian + Binhan Competitions

Want to be involved with SPS?

Join Mentorship and/or (1+) Committees!

Mentorship

Join a family, get advice + friendship, compete with other families!

Being a Mentee

tinyurl.com/spsfa21mentee

Deadline: Sunday, Sept. 19



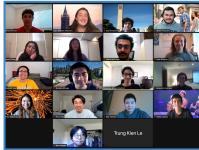
Being a Mentor

tinyurl.com/spsfa21mentor

Deadline: Sunday, Sept. 19















Committees



WEBDEV

Develop SPS Internal content while learning front & back end



OUTREACH

Spread your love for physics to local communities





Nurture an idea by joining a team!

Outreach



Want to spread your love for physics to the community?

The outreach committee works to spread STEM (mostly physics) enthusiasm to people of all ages and diversities, particularly through elementary educational outreach.

To join, please fill out the form at

https://forms.gle/PhWP2sCci8JYt22p8



Projects

Have **cool ideas and new initiatives** you would implemented in the physics community? SPS Projects Committee curates interesting and educational adventures, allowing you to apply your knowledge beyond the boundaries of the class.

Come join us in constructing new physics demonstrations for outreach, setting up a pre-111A workshop, planning peer-mentor sessions, organizing arts & destress events, maintaining the SPS YouTube Channel, and a lot more.

We're chill & super fun!

First info meeting: Sometime next week (TBD) If you can or cannot make it, please fill out the interest form: https://forms.gle/uGTMvYFcyhXz7jTn7



Digvijay & Ninni

VIDEOS

PLAYLISTS

CHANNELS

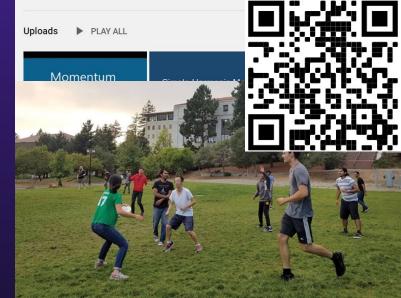
DISCUSSION



5A Study Hall

74 views • 10 months ago

5A Study Hall Hosted by SPS Led by Charlie Cummings





Help develop and maintain our website!

The webdev committee provides an opportunity to be a part of building the SPS website and learn new skills. SPS members of all programming backgrounds are encouraged to join. If you have ideas for the website, come make them a reality!

First info meeting: Next week (date TBD)

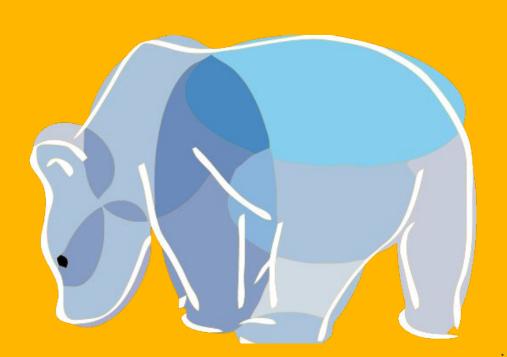
To join, please fill out the form at https://forms.gle/WUQRJwrJJs4udd4r9

(<- or scan here)

First meeting attendance not required, a recording will be made available.

SPS holds so many events!

Let us tell you about them!









Academic

UG Seminar Faculty Student Lunch Chilloquiums

Social

DeStress with SPS Study Sessions Office Hours BBQ

Competitions

BPT USPT Problem of the Week

	M	Tu	W	Th	Fri
9:00	Sid Mal	Charlie	Wendy	Charlie	
9:30	Sid Mal	Charlie	Wendy	Charlie	Xuyang
10:00	Erika	Erika		ben	Xuyang
10:30	Erika	Erika	Carter	ben	Carter
11:00	Siddhant Meh.	Eden	Carter	Eden	Carter
11:30	Siddhant Meh.	Eden	Max	Eden	
12:00	Siddhant Meh.	Siddhant Meh.	Max	Nathan	Sid Mal
12:30		Rahul	Max	Rahul	Sid Mal
13:00		Rahul	Max	Rahul	
13:30		Jinze & Nico	Nathan	Nathan	Xuyang
14:00	Shantanu	Jinze & Nico	Kobe	Wendy	Xuyang
14:30	Shantanu	Jinze & Nico	Kobe	Wendy	
15:00	Shantanu	Jinze & Nico	Kobe	Nathan	Shaunak
15:30	Shantanu		Kobe		Shaunak
16:00	Ben	Shaunak			
16:30	Ben	Shaunak		International:	
Ends at 5 pm :)				Seoul Th 2-4	Yonna

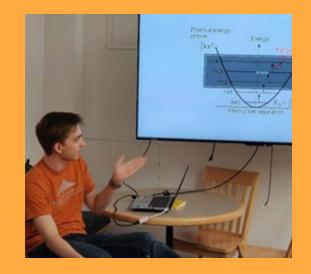


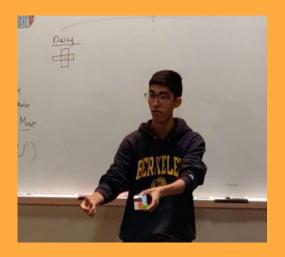
Social Office Hours

Come any time. We're happy to chat or answer questions. (Physics or non-Physics)

Come to the SPS Room in Gather.









Academic UG Seminar

Every other Thursday 6:30-7:30 PM

Come listen to physics topics that fellow students are interested in or doing research in!

Want to give a talk? It's a perfect (& informal) opportunity to share what you love and practice giving presentations!



Meet Professors and see one of your many potential futures! Get to know the various careers and paths of the very professors lighting your way! (Maybe even convince them to offer you research so that you can light your own way!) And don't forget the lunches lighting the way to your stomach;)

First event **12-1pm Wednesday September 29** with **Austin Hedeman**, RSVP forms will be sent in SPS weekly emails. Use the form to give us a headcount and to submit questions (We also have a live Q&A session!).



Faculty-Student Lunch (FSL)

- come look for your favorite physics stories



Past stories we heard:

- -A math major grew into an experimentalist professor
- -Make a diamond with lasers (or cooler things) in one of the (secret?) National Labs
- -How to not get Fs in classes

Everyone is welcome to join! You can ask random (but not too random) questions or just passively listen to people talk!



Faculty-Student Lunch (FSL)

∠They all had a happy lunch



US Physicists' Tournament

Selection for International Physicists' Tournament (IPT)

- Debate-Style Physics Tournament
- Incredible Physical Phenomena & Unrestricted Exploration!!
- **12/05-12/06** (virtual)
- Details Forthcoming (SPS Mailing List!







Competitions

USPT
BPT
Problem of the
Week



UC Experimentathon

Short-Term Discussion-Based Physics Tournament

- Physical Phenomena, Unrestricted Exploration, New Friends!!
- Cash Prizes!

BPT1 Registration Deadline: 09/11/20 BPT1: 09/26/20

- 4x in year, 2 weeks to solve problem(s)
- Find Detailed Info & Sign Up on the SPS Website, Mailing List







Competitions

USPT
BPT
Problem of the
Week



Problem of the Week

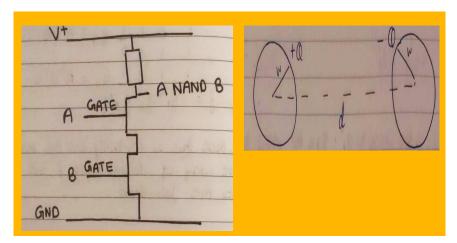
Mathematical/Physical problems to tickle your fancy

Cash Prizes & Website Fame!

Find It on the SPS Website

New Problem Every Saturday





Competitions

USPT BPT Problem of the Week



Upcoming Dates & Deadlines What's Happening Soon?

Please come to as many events! We love seeing you there.

Get involved in SPS!

Items to sign-up:

Be a Mentor



Projects committee



DUE 9/19



Outreach Committee





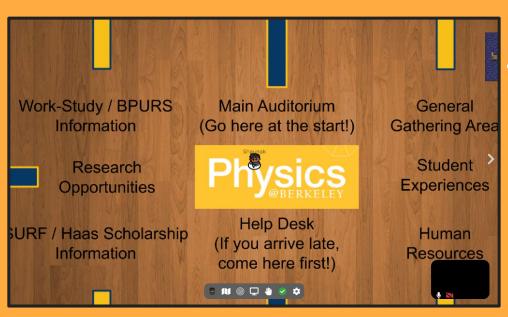
DUE 9/19



Be a Mentee

All info can also be found at SPS.BERKELEY.EDU

Physics Undergraduate Research Fair



Thursday 9/10/20, 4 - 6 PM

- Hosted on Gather
- Hear about undergraduate research experiences, funding opportunities, and available positions!





SPS BBQ 11am-2pm Friday Sep. 24th

- -First SPS BBQ!
- -Open to everyone
- -Vegan options available
- -Good opportunity to meet professors and other members of the community!
- -Volunteer form will be posted early next week





Th	is Week	Mon	Tue	Wed	Thur	Fri	Sat	Sun
1/1	Deadlines	7	8	9 6-7 #1Gen.	10 UG	11 Projects	12	13
9/11	BPT Registration			Meeting	Research Seminar 4-6	Info 6-7		
	Be a SPS Mentor!	14	15	16	17	18 UG Sem.	19	20
9/13	Be a SPS Mentee!	Outreach Info 6-7	Webdev Info 8-9			6:30-7:30 BBQ 11-2		
		21	22	23	24	25	26	27
				6-7 #2 Gen. Meeting	FSL:11-12 Heather		BPT1	
					Gray			
		28	29	30	1	2 UG Sem.	3	4
						6:30-7:30		

Add the SPS Google Calendar from the website (sps.berkeley.edu)

Questions & Comments?

Ask away!

That's it for the 1st General Meeting

In just a moment, we'll be moving to the *Gather* platform for a more, relaxed, get-to-know each other freeform session.



