VERY LARGE ARRAY’S 40TH BIRTHDAY

Join the National Radio Astronomy Observatory as they celebrate the 40th anniversary of the Very Large Array. Their day-long virtual event will feature a virtual tour of the observatory. Registration and details on page 3.

OFFICER SUGGESTED BOOK

This week, Officer Tim is recommending ‘Einstein’s Cosmos’ by Michio Kaku. The book explores how Einstein’s work advanced our understanding of our world. A perfect introduction into the life of Albert Einstein.

BECOME A SPOT AMBASSADOR!

SPOT Ambassadors provide physics and astronomy presentations to K-12 students and other interested organizations in the community. It’s a great way to practice your communication skills and volunteer in the community!

WELCOME

Welcome back to campus and thanks for subscribing to our weekly newsletter! Here you’ll find tons of information on upcoming events, educational materials about things happening in the field and on campus, as well as resources that are made available to members through the club. If you ever have any suggestions, questions, or concerns, please reach out to any of the club officers at one of the club’s weekly meetings or at physastroclubuw@gmail.com. Thanks so much and we hope to see you soon!

PhAst Club
NEWSLETTER
Oct. 9th, 2020
Sukhjit is from Bellingham, WA, and chose to pursue physics after her AP physics teacher made it incredibly fun and approachable. Starting college, she thought a fulfilling career would require something more specific than a physics degree. So, she began her studies as an EE major before realizing physics’ engineering applications were not for her.

After switching to physics, Sukhjit joined the Gravitational-Wave Astronomy (GWA) research group, led by Dr. Joey Key. As a member, she participated in various projects, including Gravity Spy, researching the impacts of narrow spectral artifacts in LIGO data with Dr. Ansel Neunzert, and a LIGO BayesWave Algorithm project with Dr. Key, the last of which earned her the PSD Chair’s Undergraduate Research Award. Despite her success, her astronomy research helped her realize that it, too, was not her passion.

Through some investigation, Sukhjit stumbled upon medical physics. What immediately captivated her was the application of physics concepts to real-world scenarios. In her newfound field, she helps patients improve their quality of care by ensuring equipment meets every quality standard. “Being able to do hands-on testing, create and test software models, and exciting, unique projects is why I love this field,” she says.

As an alum looking forward, Sukhjit seeks to attend graduate school and gain certification as a Qualified Medical Physicist. She hopes to make students aware of medical physics and create opportunities for those underrepresented in the field.
Hey, everybody! We hope everyone’s first, full week of classes went smoothly. We hope you all got your Zoom accounts figured out; we hope no one got assigned any crazy amounts of homework the first week; we hope you are all feeling set up for success this quarter.

We also want to wish a big thank you to everyone who attended and helped out with our Welcome Week event, “The Dub Connection,” especially our faculty volunteers. The feedback we received made it seem like everyone enjoyed themselves and found the event valuable and entertaining. Another big thank you to those of you who attended our first club meeting on Tuesday. We look forward to meeting and getting to know more of you as the quarter continues to progress.

If you don’t have anything planned for the weekend yet, consider registering to attend the Very Large Array’s 40th Birthday event. They’re hosting a variety of activities, including a guided, virtual tour of the facility. You can also start brainstorming jack-o-lantern designs for the club’s pumpkin carving contest we’re hosting this month!

As always, if you have any suggestions or ideas you want to share, feel free to reach out!

Club Officers

Resources for Members

- Club Meetings: Tuesdays 6-7pm (Zoom)
- Weekly Member Social Event on Discord: Fri. 4-5pm
- SPS Monthly Colloquium Series
- UWB Quantitative Skills Center (Zoom)
- HW Help Channel on Discord
- GWA Research Meetings: Wed. 11-12pm (Zoom)
- Physics Seminars: Wed. 3:30-4:30pm (Zoom)
- STEM Graders & Peer Facilitators (Application)

Event Schedule

- Very Large Array 40th Birthday Bash
  - Saturday, Oct 10th
  - 8am - 3:30pm PST
  - Register Here
- PhAst Club Pumpkin Carving Contest
  - Special Consideration for Physics and Astro Designs
  - Fun Prizes
  - More Details Coming Soon on Instagram
- Guided Virtual Tour of Palomar Observatory
  - Friday, October 23rd 3:30 - 4:30pm
  - Register Here
- CalTech Ph.D Candidate Bi-Weekly Lecture Series
  - Next Topic: Lasers and Robots
  - Sat. Oct. 10th @ 11am PST
  - Zoom Link

WE’RE LOOKING FOR HELP!

- Want to help contribute to the newsletter?
- Want to help plan an event?
- Want to volunteer for some outreach?

WE WANT TO HEAR FROM YOU!

CONNECT WITH US:

- @PhAstClubUWB
- @PhAst_ClubUWB
- PhysAstroClubUWB@gmail.com
- Discord - for the most up-to-date info

JOIN TODAY