

This Month in _____

PHYSICS

Mar 2023 // Vol 3

Upcoming Events

March Meeting

March 21th at 5:00 pm
Northside 0063

Join us as we continue to discuss upcoming events and initiatives for this semester

Chicago Trip

April 8th 7:30 am - 9:00 pm
Chicago

We're excited to announce that the Physics Club will be heading to Chicago on April 8th to visit the Field Museum! This is a fantastic opportunity to explore one of the world's most renowned natural history museums, which boasts an extensive collection of artifacts and exhibits from around the globe.

Email Co-President Preston Porter at prporter@iu.edu to indicate interest in joining this trip.

April Meeting

April 18th at 5:00 pm
Northside 0063

Join us as we continue to discuss upcoming events and initiatives for this semester

Welcome to the March edition of the Physics Club newsletter!

As the winter season draws to a close, we're excited to share some highlights from February, as well as what's in store for March and beyond. From upcoming initiatives to an exciting Chicago trip, there are plenty of things to get excited about – so let's dive in!

For more frequent updates about the Physics Club, be sure to follow our page on Instagram [@The574PhysicsClub](https://www.instagram.com/The574PhysicsClub).

Past Events

Science Alive (2/11/23): Physics Club participated in Science Alive by spending our December and January meetings developing and testing a scavenger hunt with six activities for children to use phyphox, a data extraction app that uses the sensors built into smartphones. The event attracted roughly 250 students and families to our table. Our volunteers helped the young scientists with two interactive experiments related to acoustics and seismology and sent the kids home with yo-yos branded with the Physics Department name and the scavenger hunt page to continue to explore at home with their guardians. Overall, the club's participation in the event was successful and provided children with opportunities to engage with physics through fun and interactive activities.

We'd like to thank Olivia Brunner, Emilee Edmonds, Preston, Porter, Dr. Henry Scott, and Joy Thompson for their willingness to spend time working with these young students!

February Meeting (2/21/23): We began this meeting with a discussion of the February newsletter encouraging club members to reach out to Co-President Emilee Edmonds with any suggestions or ideas for content they'd like to see in upcoming newsletters.

We then moved to discuss events that had occurred since the last meeting. Emilee Edmonds gave a brief summary of the Conference of Undergraduate Women in Physics that a few physics club members were able to attend. A summary can be found in our [February Newsletter](#). Then, Preston Porter highlighted our experiences volunteering at Science Alive.

We were also able to discuss upcoming events and initiatives. We discussed the Society of Physics Students Zone 8 Meeting, which was quickly approaching. We were excited to be sending a group of five students. We also reminded members of our upcoming dodgeball event, introduced a potential outreach opportunity through Starbase Michiana, and announced a Physics Club trip to Chicago that we are planning for April which can be found in the upcoming events section.

We also reminded attendees that the Student Life Awards are open and they should nominate individuals that make the campus better! Links to each nomination form can be found [here](#).

This agenda can be found [here](#). Please reach out to Emilee Edmonds at emiledmo@iu.edu with questions.

SPS Zone 8 Meeting (2/24-26/23): Five students from our institution had the opportunity to attend this meeting. They participated in various activities and had the chance to network with other aspiring physicists in the region. The students found the meeting to be an enriching experience and returned with new knowledge and connections. For more details, check out the meeting summary on page 3.

Dodgeball (2/28): At the end of last month, our club President and Secretary, Preston Porter and Philip Derrickson, hosted the first ever Physics Club Dodgeball event. The attendees had a great time playing the game and following the instructions our leaders gave. Overall, the Physics Club Dodgeball event acted as a great way for us to reach a variety of individuals on campus and those who attended had a great time

Science Alive



SPS Zone 8 Meeting



SPS Zone 8 Summary

The event was a vibrant gathering of physics students and faculty members from across the region hosted by the Physics Club at IU Bloomington

One of the key highlights of the meeting was the keynote speaker, Mike Snow, who gave a short introduction to himself and his research and then opened the floor up for any questions students had about physics, careers, education, etc.

Additionally, the meeting featured other exciting activities and events, such as the implosion of a barrel, acoustics jeopardy, a poster session for student research, and taking a tour of the campus's observatory.

Attendees had the opportunity to network with other physics students and faculty members from a couple different institutions, enabling them to build connections and learn from one another.

Overall, the SPS Zone 8 Meeting was an excellent opportunity for enthusiastic physics students to expand their knowledge, engage in fun activities, and connect with like-minded individuals.

IUSB Favorite Experiences

Phillip Derrickson:

Taking a spontaneous self-guided tour of campus

Emilee Edmonds:

Talking with other students about their research, campus engagement endeavors, and outreach plans

Ryleigh Jebson:

Touring the IU Bloomington campus

Preston Porter:

Meeting and talking with many of the students and faculty in attendance.

Joy Thompson:

Touring the Kirkwood Observatory



The Student Building
Indiana University Bloomington

Our students had the opportunity to inspire and be inspired by the work of other physics community members, and we look forward to attending events like this in the future.