

2022 State Physics Competition (April 12, 2022)

Date and Location

The State Physics Competition will be held at the McLeod Center at the University of Northern Iowa campus in Cedar Falls on Tuesday, April 12, 2022.

Rules, Forms, and Information

All information about the State of Iowa Physics Competition including rules and forms may be found at <https://chas.uni.edu/physics/outreach/physics-competition>. These include registration forms that must be completed and submitted no later than April 8th (Friday). Information about payment can be found on the registration form that must be submitted. Certification of Compliance Form(s) must be brought with you on the day of the competition.

The overall school team score will be the sum of the 5 event scores with the highest scoring school team being declared the State of Iowa Physics Competition Grand Champion.

State Competition Tentative Schedule

- 8:30 am Registration Begins (Including Sign-up for time slots for teams to compete in challenge problem) @ Registration Table near **North side of the basketball court in the McLeod Center near the tunnel.**
- 9:00 am Check-In for All Events Begins
Meeting of Teachers with Coordinator
- 9:30 am Welcoming Remarks
All Preliminary Round Events Begin
- 11:00 am Lunch
- 12:00 pm State Round Events Begin
12:00 pm Measurement Begins
12:30 pm Bridge Begins
1 pm Catapult Begins
1:30 pm Mousetrap Car Begins
2 pm Soda Straw Begins
- 3:00 pm Announcement and Presentation of Individual Event Awards
School Team winners may be announced later
Presentation of Awards (near **the North side of the basketball court**)
- 3:30 pm Approximate Ending Time

UNI Covid Response

UNI Covid response may be found at the [UNI Forward Together website](#). Note that masks are still highly encouraged.

Entry and Parking

All events will take place in the UNI McLeod Center. Entry to the McLeod Center will be at the Panther Parkway Entrance (SW) and the 27th Street/UNI Student Entrance (SE). These entrances are on the opposite side of the UNI-Dome and face 27th Street. The registration area will be on the North side of the main playing floor.

Bus parking will be available in the 27th Street R lot. Limited car and van parking will be available at the West Dome B lot west of Panther Parkway. See <https://uni.edu/resources/campus-map>. Parking permits will be available for teachers/school officials and non-UNI judges/helpers for their vehicles to be parked in the West Dome B lot. The parking permits will be available at the registration area.

Lunch and Food/Trash

Lunch is officially scheduled from 11 am to Noon which is the official break between preliminary and final rounds. Schools may leave the McLeod Center for lunch. Participating students and teachers are welcome to bring food and refreshments but they are restricted to eating on the first 5 rows of seats located at the **South** end of the basketball court. Concessions are not available. Schools are responsible to clean up any and all of their trash from food, refreshments, and their devices for the competition. Garbage bins will be placed on the **North** and **South** ends of the basketball court.

WiFi

Guest WiFi will be available. Information may be obtained from Larry Escalada at the Registration table.

Exhibits & Displays

Exhibits and displays may be available.

Help with Scoring and Judging

We invite teachers of participating students and others to provide assistance in the actual judging and scoring for events. Experienced judges and scorers will be on hand to provide guidance. We need many volunteers to help! If you are interested and willing to help with the judging and scoring for the State of Iowa Physics Competition, please contact Larry Escalada at (319) 273-2431 via phone or Lawrence.Escalada@uni.edu via email.

Contact:

Feel free to contact me if you have any questions or concerns. I can be reached at (319) 273-2431 via phone or Lawrence.Escalada@uni.edu via email. We are looking forward to hosting the State of Iowa Physics Competition! See you soon! Good luck!