

2025 State Physics Competition (April 8, 2025)

Date and Location

The State Physics Competition will be held at the University of Northern Iowa (UNI) Maucker Union Central Ballrooms in Cedar Falls on Tuesday, April 8, 2025. University Room (Downstairs) will be available with round tables and chairs for school teams to hang out throughout the day.

Rules, Forms, and Information

All information about the State of Iowa Physics Competition including rules, Registration link, and forms may be found at <https://chas.uni.edu/physics/outreach/physics-competition>. Online registration must be completed and submitted no later than April 5th (Friday). Information about payment can be found on the online 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.

Schedule

8:30 am	Registration begins
9:00 am	Early Preliminary Round Begins (Catapult, Flying Machine, Mousetrap Car, Optical Slalom) when events ready
9:30 am	Preliminary Round - Fermi Questions
9:30 am - 11:00 am	Preliminary Round - Catapult, Flying Machine, Mousetrap Car, Optical Slalom
11:00 am - 12:30 pm	Lunch, Physics Department Tours
12:30 pm	Final Round - Fermi Questions
1:00 pm	Final Round - Optical Slalom
1:15 pm	Final Round - Catapult
1:30 pm	Final Round - Flying Machine
1:45 pm	Final Round - Mousetrap Car
2:15 pm	Awards Ceremony
2:30 pm	Departure

Entry and Parking

The competition will take place in the UNI Maucker Union Central Ballrooms. Parking for the competition for vans and automobiles (non-buses) will be in the numbered stalls at the Multimodal Transportation Center (MMTC) located at 1215 West 23rd Street. All other stalls are restricted. Use the coupon code provided via email for the day of the competition only. This code is strictly for the use of visitors. It is not to be used by faculty/staff or students. Follow the instructions provided with the coupon code via email on how to use the code. After parking your vehicle, walk from the MMTC and follow the signs to the UNI Maucker Union. Buses are instructed to park in the North Dome lot R West of Hudson Road. See <https://uni.edu/resources/sites/default/files/inline-uploads/2022-campus-map.pdf>

Lunch and Physics Tours

Lunch and Physics Tours are scheduled from 11 am to 12:30 pm. UNI Dining is offering Physics Teams that pre-order lunch tickets a special offer of \$10.00 (regular price \$12) per lunch ticket. Teams must pre-order by April 1, 2025 at [this link](#). Lunch tickets are good at Piazza Dining Center on campus on the day of the competition. Piazza is an all you care to eat dining facility with options for dietary restrictions and preferences. See [this week's menus](#). Teams may also purchase lunch at the door for the regular price of \$12.00 per lunch ticket by credit card only.

WiFi

Guest WiFi will be available. Information about Connecting to UNI Guest WiFi can be found at this [link](#).

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!