

K12 PHYSICS TEACHERS LOUNGE



Digi Kit labs for hands on virtual instruction



Topical discussions



STEP UP
promoting women
to pursue Physics

Sunday July 19

The Grand Challenge 12:30pm-1:30pm

Distance Learning lesson share out

1:30pm-2:30pm

When we start in the fall, will we still be doing distance learning? Be prepared, and bring a lesson to share at the K12 distance learning lesson plan share out.

STEP UP

2:30pm-3:00pm

Join a fact exploration and discussion on the NSF grant STEP UP physics together aiming to drastically increase the number of women in undergraduate physics through interventions in the high school classroom.

Topical discussion: Teaching as a second career

3:00pm-3:30pm

Thinking about switching to K12 teaching? Have you already switched to K12 teaching? Come ask your questions and share your stories!

What I Wish I Knew

3:30pm-4:30pm

Listen as early career teachers give short background presentations on each of their unique pathways into teaching and an overview of the teacher preparation programs.

Monday July 20

Advocating for my Physics Program

12:30pm-1:30pm

Teacher leader Melissa Grimscheid will share how she doubled physics enrollment at her school and increased enrollment across the district.

Get The Facts Out

1:30PM-2:30pm

Join an exploration of unexpected trends in the data on educators in the United States while discussing perceptions of STEM teaching in society.

High School Physics Share Out

2:30PM-3:30pm

Bring your most engaging lesson to share at the high school lesson plan share out!

Tuesday July 21

Quantum Computing in the Lounge

12:30pm-1:00pm

AAPT has established Quantum Computing Education as one of its four BIG IDEAS for program development.

Topical Discussion:Equity and Inclusion

1:00PM-1:30pm

A discussion of challenges and successes on how we as educators meet the needs of all students in the classroom.

Panel Discussion: Student Perception on distance learning

1:30PM-2:30-pm

Hop on in for a panel discussion on how HS students perceived the effectiveness of online learning.

2:30PM-3:30-pm

Racial Justice in Physics Class

How can we, as physics teachers, play a part in efforts for racial justice that go beyond representation? We will share ideas, including an exploration of the Under representation Curriculum, and discuss steps we can take next year.

