



Chesapeake Section of the American Association of Physics Teachers Spring 2021 Virtual Meeting

— 3rd Circular —

The Chesapeake Section of the American Association of Physics Teachers (CSAAPT, covering DE, MD, VA, and DC) will hold its Spring 2021 Meeting virtually via Zoom on **Saturday, April 17, 2021**.

To register, please go to the Meeting website at <https://indico.phys.vt.edu/e/CSAAPT2021S>. The deadline for registration is **midnight of Friday, April 16, 2021**. The Zoom link and password for the Meeting will be emailed to registrants a few days prior, and also on the morning of the Meeting.

Note that **you do not have to be an AAPT member to attend** and there is **no registration fee**. Anyone interested in physics education is welcome.

Middle/High School Teachers : we can provide you with a Certificate of Attendance for CEU purposes.

— Program —

8:30AM : Welcome from the CSAAPT President Jason Sterlace

8:40AM – 9:40AM : Presentation Session 1

- 1) Prof. Deonna Woolard (Randolph-Macon) – *Being an Experimentalist During Covid-19*
- 2) Prof. Mukesh Chhajer (Danville Community College) – *Using iOLab for Physics Lab*
- 3) Dr. Edwin Lo (Loyola U.) – *Physics.land Pedagogy and Demo*

9:50AM – 10:50AM : Presentation Session 2

- 4) Prof. James Freericks (Georgetown) – *Bringing the physics back into the junior-senior undergraduate quantum mechanics course*
- 5) Prof. Muge Karagoz (UMD, College Park) – *Examples of Collaborative Tools Used During Remote-Learning*
- 6) Prof. Raul Briceno (Old Dominion) – *REYES: making STEM accessible*

11:00AM – 12:00 noon : Presentation Session 3 – Featured Presentations

- 7) Prof. Carl Mungan (U.S. Naval Academy) – *Water Oscillations in a U-Tube*
- 8) Prof. David Wright (Tidewater Community College) – *Physics Phun with Kahoot*

12:00 noon – 1:00PM : Lunch Break with optional Break-out Sessions

1:00PM – 2:00PM : Presentation Session 4

- 9) Dr. Anindya Roy (MIT) – *Watching Online Videos Collaboratively*

- 10) Dr. John Ochab (Reynolds Community College) – *Entropy - What's in a Meaning*
- 11) Ms. Maajida Murdock (Morgan State U.) – *Wave-Particle Duality and Interference*

2:10PM – 3:10PM : Presentation Session 5

- 12) Dr. Jennifer Scott (Towson U.) – *Sky and Telescope for Introductory Astronomy*
- 13) Alma Robinson (Virginia Tech) – *Kitchen Cabinet Demonstrations*
- 14) Samuel Williams et al. (Radford U.) – *The Radford University SPS Physics Outreach Program*

3:20PM – 4:00PM : Discussion Session 1 – **Share-a-thon**

We will gather in smaller groups in Zoom breakout rooms to exchange ideas on various topics including: Cool Classroom Demos, Science Fair Projects, Intro Physics Labs, etc.

4:00PM – 4:30PM : Discussion Session 2 – **“What can the CSAAPT do for you?” Meeting**

Please voice your requests to the CSAAPT.

4:30PM : Closing statements from the CSAAPT President Jason Sterlace

4:40PM – 5:30PM : Post-Meeting Online Social & CSAAPT Business Meeting

For questions regarding this event, please email **Tatsu Takeuchi** (takeuchi@vt.edu).