

# AAPT Workshop Registration Form

Member      Member No.: \_\_\_\_\_       Nonmember      City \_\_\_\_\_ State/Province \_\_\_\_\_  
 Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_  
 Your Name \_\_\_\_\_ Email \_\_\_\_\_  
 Address \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

The workshops scheduled for the 2021 AAPT Summer Meeting will be offered virtually during the month of July. Please see the list below.

**Cost:** All workshops will cost \$50 for members and \$100 for non-member EXCEPT  
 W10A is \$80 member and \$160 non-member, W11E is \$70 member and \$120 non member, and W11F is \$65 member and \$115 non member/  
 Some workshops will reimburse participants for all or some of their workshops fees.

**CEU Hours:** Earn CEU hours for attending one of the AAPT workshops. Earn 0.40 hours for a 1/2 day workshop or 0.80 for a full day workshop.

(CHECK YOUR PREFERENCES)

## Workshops, Saturday, July 10

	Time (EST)	Organizer
W10A Learn Physics by Practicing Science: Introduction to ISLE (and July 11, 11 a.m.).....	11:00 a.m.–3:00 p.m.	David Brookes
W10B An Inside Look at the Smithsonian Air and Space Museum.....	1:00 p.m.–5:00 p.m.	Joanna Behrman
W10C Machine Learning in PER .....	1:00 p.m.–5:00 p.m.	Rachel Henderson
W10D NSF Grants for First-Time Applicants.....	1:00 p.m.–5:00 p.m.	Steve Turley
W10E Jupyter Notebooks for Particle Physics Data Analysis.....	1:00 p.m.–5:00 p.m.	Adam LaMee
W10F Measuring and Improving Pedagogical Content Knowledge of Student Assistants in Introductory Physics Classes.....	1:00 p.m.–5:00 p.m.	Jianlan Wang
W10G Moving Towards Accessibility in Physics Education with Universal Design for Learning	12:00 p.m.–4:00 p.m.	Jacquelyn Chini

## Workshops, Sunday, July 11

	Time (EST)	Organizer
W11A Exploring Physics through the Lens of Systems .....	11:00 a.m.–4:00 p.m.	Kelly O’Shea
W11B Underrepresentation Curriculum: Social Justice in the Physics Classroom.....	12:00 p.m.–2:00 p.m.	Danny Doucette
W11C Developing the Next Generation of Physics Assessments.....	1:00 p.m.–5:00 p.m.	James Lafferty
W11D Departmental Action Team Model: Cultivating Sustainable Changes in University Departments.....	1:00 p.m.–5:00 p.m.	Gina Quan
W11E Coding Integration in High School Physics and Physical Science.....	2:00 p.m.–6:00 p.m.	Chris Orban
W11F Teaching Quantum to HS Students Using Malus’ Law.....	1:00 p.m.–5:00 p.m.	Karen Matsler
W11G PTRAs workshop on Waves and Sound .....	6:00 p.m.–8:00 p.m.	Nina Day

## Workshops, Saturday, July 17

	Time (EST)	Organizer
W17A Muon Activities in the Classroom.....	11:00 a.m.–3:00 p.m.	Shane Wood
W17C Fluids in the Physics for Life Science Course.....	1:00 p.m.–5:00 p.m.	Dawn Meredith
W17D Examining the Relationships Among Intuition, Reasoning, and Conceptual Understanding in Physics.....	12:00 p.m.–4:00 p.m.	Beth Lindsey
W17E How Small is a Neutrino? – Scale, Proportion and Quantity.....	1:00 p.m.–5:00 p.m.	Peggy Norris
W17F Effectively Incorporating, Organizing, and Evaluating Open Education Resources in Online Learning Platforms .....	1:00 p.m.–5:00 p.m.	Zhongzhou Chen

## Workshop, Saturday, August 7

	Time (EST)	Organizer
W07A Teaching Physics in an Earth & Space Science Context.....	1:00 p.m.–5:00 p.m.	Janelle Bailey

## Workshop, Saturday, August 14

	Time (EST)	Organizer
W14A PIRA Lecture Demonstrations I & II Condensed.....	11:00 a.m.–3:00 p.m.	Dale Stille