



# Meeting Registration Form

### How to Register

- Register online at [www.aapt.org](http://www.aapt.org)
- Fax form to 301-209-0845
- Mail form to: AAPT Programs & Conferences  
One Physics Ellipse, College Park, MD 20740
- email the form to: [programs@aapt.org](mailto:programs@aapt.org)

Member      Member No.: \_\_\_\_\_       Nonmember

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_

Institution: \_\_\_\_\_

Email \_\_\_\_\_

Emergency Contact \_\_\_\_\_

Phone:    Home      Work ( \_\_\_\_ ) \_\_\_\_\_

Fax      Home      Work ( \_\_\_\_ ) \_\_\_\_\_

### Check applicable boxes

- Attending for the first time       Becoming an AAPT member  
 Renewing my membership

Type of school affiliation:

High School    Two-Year College    Four-Year College    Other

Disabilities/ Special Needs \_\_\_\_\_

Please print clearly.

\_\_\_\_ Visa    \_\_\_\_ MasterCard    \_\_\_\_ Discover    \_\_\_\_ Am. Express

Account Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Security Code \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature: \_\_\_\_\_

If something comes up and you simply can't attend, all requests for cancellation must be made in writing by the following dates and the following fees will apply:

**Cancellations up to June 15, 2023: 50% refund**

**No Refunds after June 16, 2023**

To cancel your registration, please e-mail [programs@aapt.org](mailto:programs@aapt.org)

**Photo Release:** AAPT and its legal representatives and assigns, retain the right and permission to publish, without charge, photographs taken during this event. These photographs may be used in publications, including electronic publications, or in audio-visual presentations, promotional literature, advertising, or in other similar ways.

**Attendee emails will be shared with conference exhibitors.**

### Registration Fees (circle one)

	Early Bird by 5/17/23	Advanced by 6/27/23	Onsite 6/27–7/19
AAPT Member – Full meeting	\$499	\$655	\$905
AAPT Member – Retired/Emer./Lifetime	\$352	\$535	\$731
Non-member – Full meeting	\$768	\$922	\$1,171
Under./Grad. student AAPT members	\$99	\$99	\$99
AAPT Member – 1 Day	\$300	\$465	\$621
Non-member – 1 Day	\$559	\$709	\$855
<i>First Timers</i> K-12 Teacher's Day, July 17	\$99	\$99	\$99
<i>First Timers</i> TYC Day, July 18	\$99	\$99	\$99
OPTYCs Tandem Meeting, July 15	\$100	\$100	\$100
PERC	\$225	\$225	\$225
PERC – student	\$110	\$110	\$110
High School Students	Complimentary		
Workshop Only	\$85		
Family/ Guest Registration:	\$40 (Spouse/guest)	\$30 Child (7–16 yr)	6 & under free
NAME(S):	_____		

Members and Non-members, use Workshop Only below if attending Saturday or Sunday workshop without attending the Meeting

Workshop Only (not attending meeting)    \$85 plus fee    \$ \_\_\_\_\_  
(fill out form on next page; write in fee)    \$ \_\_\_\_\_

### Commercial Workshops (free)

### Special Events (optional)

#### Monday July 17

- First Timers's Gathering 7:30–8:45 am (free)
- Monday Raffle 1 – Celestron 70mm Travel Scope 11–11:30 am (\$1.99)
- Early Career Professional Speed Networking 12:30–2 pm (free)
- International Meet-up 12:30–2:00 pm (free)
- Monday Raffle 2 – Drone with 1080p Camera 4–4:30 pm (\$1.99)
- LGBTQ+ Meet-Up 8:30–10 pm (free)
- Game Night 9–11:59 pm (free)

#### Tuesday July 18

- AAPT Fun Run and Walk 6–8 am (\$30.00)
- Tuesday Raffle – Celestron 70mm Travel Scope 11:–11:30 am (\$1.99)
- Accessibility Meet-up 12:30–2 pm (free)
- K-12 Teacher Meet-Up 12:30–2 pm (free)
- Tuesday Raffle 2 – Drone with 1080p Camera 3–4 pm (\$1.99)

Registration Fee \$ \_\_\_\_\_  
 Workshop Fee(s) \$ \_\_\_\_\_  
 Special Events Fee(s) \$ \_\_\_\_\_

### DONATIONS TO AAPT:

Travel Fund \$ \_\_\_\_\_  
 Travel & Care Dependency Fund \$ \_\_\_\_\_  
 Student Fund \$ \_\_\_\_\_

**TOTAL:** \$ \_\_\_\_\_

**Make checks payable to AAPT.**

**Purchase Order No.** \_\_\_\_\_

# Workshop Registration Form

Registration for workshops is first-come, first-served, so register early to secure a place in the workshop of your choice. Please use a checkmark for your initial choices, then indicate subsequent choices (in case first choice is unavailable) numerically. All half-day workshops (four hours) will cost **\$75** for members and **\$100** for non-members. All full-day workshops (eight hours) will cost **\$125** for members and **\$150** for non-members. However, workshop leaders can add an extra cost to the administrative fee to cover the cost of workshop materials. There is an **\$85** fee to register for a workshop if you are not registering for the 2023 AAPT Summer Meeting.

NAME \_\_\_\_\_

(Use checkmarks for 1st choices, then rank subsequent choices numerically . . . 1, 2, 3, etc.)

Location: Safe Credit Union Convention Center

Workshops, Saturday, July 15	Time	Fees		
		Mem.	Non-Mem.	
Exploring Physics through the Lens of Systems .....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Highlights from 20+ years of the PTSOS Workshop Program for New Physics Teachers .....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Teaching with Your Mouth Closed: Basic POGIL Strategies for Middle School and High School Physics Teachers .....	8:00 a.m.–5:00 p.m.	\$165	\$190	_____
Astronomy Data, Image Analysis, and Research Using Web-based JS9 .....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Strengthening Reasoning in AP Physics (and Beyond) with Multiple Representations .....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
Fun, Engaging, Effective, Research-Validated Lab Activities and Demos for Introductory University, College and High School Physics (including Virtual Learning Options).....	1:00 p.m.–5:00 p.m.	\$95	\$120	_____
3D Printed Interferometers .....	1:00 p.m.–5:00 p.m.	\$105	\$130	_____
Optics from Aristotle to Newton .....	1:00 p.m.–5:00 p.m.	\$90	\$115	_____
Tools for using Smartphones in the Astronomy Classroom.....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
MARVLS – Manipulable Augmented Reality Visualizations to Learn Spatially.....	1:00 p.m.–5:00 p.m.	\$110	\$135	_____

Workshops, Sunday, July 16	Time	Fees		
		Mem.	Non-Mem.	
Supporting Students’ Understanding of Work and Energy through Careful Use of Language .....	8:00 a.m.–11:00 a.m.	\$75	\$100	_____
Developing a Teacher Recruitment Plan: Get the Facts Out.....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Learn Physics while Practicing Science: Introduction to ISLE .....	8:00 a.m.–5:00 p.m.	\$135	\$160	_____
Maximizing Learning and Engagement with Demos.....	8:00 a.m.–12:00 p.m.	\$85	\$110	_____
Coding Integration and Data Science Integration in High School Physics and Physical Science ..	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Biomechanics Introductory Lab Activities .....	8:00 a.m.–12:00 p.m.	\$80	\$105	_____
Creating Curricular Materials to Accompany Physics Simulations .....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Developing the Next Generation of Physics Assessments.....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Interactive Video-Enhanced Tutorials for Promoting Problem Solving .....	8:00 a.m.–12:00 p.m.	\$75	\$100	_____
Teaching Energy Quantitatively Hands-On – Workshop .....	8:00 a.m.–5:00 p.m.	\$135	\$160	_____
AP Physics Course Revisions for Fall 2024.....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
Intermediate and Advanced Labs .....	1:00 p.m.–5:00 p.m.	\$95	\$120	_____
LHC Physics in the Classroom.....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
Novel Observations in Mixed Reality (Virtual Reality in the Physics Lab).....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
PICUP: Integrating Computation into Introductory Physics at TYCs .....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
Professional Development for Emerging Education Researchers (PEER) .....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____
Introductory Labs to Promote Scientific Reasoning .....	1:00 p.m.–5:00 p.m.	\$75	\$100	_____

Workshop, Monday, July 17	Time	Fees		
		Mem.	Non-Mem.	
Active Learning Strategies from the Biomedically Relevant Introductory Physics (BMP) Curricula.....	2:00 p.m.–4:00 p.m.	\$50	\$75	_____