

Meeting Registration Form

How to Register

- Mail form to: AAPT Programs & Conferences
 One Physics Ellipse, College Park, MD 20740
- Fax form to: 301-209-0847

Please indicate your member society:

- GIREP NSHP
 NSBP AACT

Please provide member number: _____

First Name _____

Last Name _____

Address _____

City _____ State/Province _____

Country _____ Zip/Postal Code _____

Institution: _____

Email _____

Emergency Contact _____

Phone: Home Work (____) _____

Fax Home Work (____) _____

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 by May 31, 2017 Midnight EST = \$75

Cancellations from June 1, 2017 to June 22, 2017 = \$100

Cancellations June 23 – July 6, 2017 = \$125

No Refunds after July 6, 2017

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)	Received by 6/30/17	Onsite 7/1-7/26
Full meeting	\$385	\$708
Under. /Grad. student	\$45	\$75
1 Day (day? _____)	\$260	\$540
Workshop Only	\$85 (non-refundable)	

Family/ Guest Registration: \$40 (Spouse/guest) \$30 Child (7-16 yr)
 NAME(S): _____ 6 & under free

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) (check one)

- CW01: Foster Learning, 7/24, 12-1 p.m. CW02: PASCO, 7/24, 12-1 p.m.
 CW03: PASCO, 7/24, 1:30-2:30 p.m. CW04: PASCO, 7/24, 3-4 p.m.
 CW06: Perimeter Institute, 7/25, 12-1 p.m. CW07: Vernier, 7/25, 12-2 p.m.
 CW08: Expert TA, 7/24, 12-1 p.m. CW09: Cengage, 7/25, 12-1 p.m.
 CW10: Perimeter, 7/24, 3-4 p.m. CW11: Perimeter, 7/24, 1:30-2:30 p.m.
 CW12: Perimeter, 7/25, 1:30-2:30 p.m.

Special Events (optional)

1. Cincinnati Reds Stadium Tour # Persons ____ @ \$22 \$ ____
 Saturday, July 22, 1:30 -2:30 p.m.
2. First Timers Gathering # Persons ____ (free)
 Monday, July 24, 7-8:30 a.m.
3. Spouse/Guest Gathering # Persons ____ (free)
 Monday, July 24, 9-10 a.m.
4. Early Career Professionals Speed Networking Event # Persons ____ (free)
 Monday, July 24, 12-1:30 p.m.
5. High School Physics Teachers Luncheon # Persons ____ @ \$40 \$ ____
 Monday, July 24, 12-1:30 p.m.
6. Meet-up for Members and Supporters of LGBTQ Community # Persons ____ (free)
 Monday, July 24, 12-1:30 p.m.
7. Game Room Night # Persons ____ (free)
 Monday, July 24, 9-12 p.m.
8. Evening Tour of the Cincinnati Observatory # Persons ____ @ \$25 \$ ____
 Sunday, July 23, 10:15-11:30 p.m.
9. AAPT Fun Run/Walk # Persons ____ @ \$30 \$ ____
 Tuesday, July 25, 6-8 a.m.
10. Two-Year College Breakfast # Persons ____ @ \$35 \$ ____
 Tuesday, July 25, 7-8:30 a.m.
11. Retired Physicists Luncheon # Persons ____ @ \$23 \$ ____
 Wednesday, July 26, 12-1:30 p.m.
12. A Night on the Banks of the Ohio River # Persons ____ @ \$47 \$ ____
 Tuesday, July 25, 6:30-8 p.m.
13. Monday Raffles: Headphones 10:20 a.m. # __ @ \$2 ea. \$ ____
 Echo Dot 3:50 p.m. # __ @ \$2 ea. \$ ____
14. Tuesday Raffles: \$100 Gift card 10:20 a.m. # __ @ \$2 ea. \$ ____
 Kindle Fire 3:50 p.m. # __ @ \$2 ea. \$ ____
15. Pub Crawl # Persons ____ @ \$5 \$ ____
 Tuesday, July 25, 9:30-midnight
16. Effects of the Sun: Planetarium Show # Persons ____ (free)
 Saturday, July 22, 6:30-9:30 p.m.
17. PER Conference & Reception # Persons ____ @ \$155 \$ ____
 Wednesday, Thursday, July 26-27 Students: \$100
18. PER Poster Session & Reception Only #Persons ____ @ \$30 \$ ____
 Wednesday, July 26, 8-10 p.m.

Registration Fee \$ _____
 Workshop Fee(s) \$ _____
 Special Events Fee(s) \$ _____
 \$10 Administration Fee \$ 10

TOTAL: \$ _____

**Make checks payable to AAPT;
 Purchase Order No. _____**

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. No form received after July 6, 2017 will be accepted in the Executive Office for processing. Workshop abstracts can be found online at www.aapt.org/Conferences/sm2017/workshops.cfm.

NAME _____

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

All workshops will be held at the University of Cincinnati

Workshops, Saturday July 22		Time	Fees			
			Mem.	Non-Mem.		
W01	Designing Circuits Activities for Middle School Students.....	8:00 a.m.–12:00 p.m.	W01:	\$70	\$95	___
W02	Making High Speed Videos.....	8:00 a.m.–12:00 p.m.	W02:	\$60	\$85	___
W03	Mathematical Modeling with Desmos	8:00 a.m.–12:00 p.m.	W03:	\$60	\$85	___
W04	iMobile Physics and iPhysics Classroom.....	8:00 a.m.–12:00 p.m.	W04:	\$60	\$85	___
W05	Make and Take Low Cost Spectrograph for Physics Labs	8:00 a.m.–12:00 p.m.	W05:	\$85	\$110	___
W06	Modern Physics Labs on a Budget Using LEDs and Mixed Signal Processors.....	8:00 a.m.–12:00 p.m.	W06:	\$85	\$110	___
W07	“Can We Have a Group Test?” Designing Collaborative, Active, Alternative Assessments for Physics Classes.....	8:00 a.m.–12:00 p.m.	W07:	\$60	\$85	___
W08	Introductory Labs for Electricity and Magnetism.....	8:00 a.m.–12:00 p.m.	W08:	\$72	\$97	___
W11	Activity-based Physics in the Advanced High School Classroom.....	8:00 a.m.–5:00 p.m.	W11:	\$75	\$120	___
W12	Physics Activities for the Life Sciences (PALS).....	8:00 a.m.–5:00 p.m.	W12:	\$85	\$110	___
W13	Learn Physics While Practicing Science: Introduction to ISLE.....	8:00 a.m.–5:00 p.m.	W13:	\$95	\$120	___
W14	The Perplexed Physicists’ Primer on Teaching Astronomy	8:00 a.m.–5:00 p.m.	W14:	\$85	\$110	___
W17	Low-Cost Open-Source Laboratory Instruments	1:00 p.m.–5:00 p.m.	W17:	\$60	\$85	___
W18	Physics of Toys.....	1:00 p.m.–5:00 p.m.	W18:	\$61	\$86	___
W19	Computational Modeling with GlowScript and VPython.....	1:00 p.m.–5:00 p.m.	W19:	\$60	\$85	___
W20	Examining the Relationships among Intuition, Reasoning, and Conceptual Understanding in Physics	1:00 p.m.–5:00 p.m.	W20:	\$60	\$85	___
W21	An Example of Tutorials for Upper-division Physics Courses: Quantum Mechanics	1:00 p.m.–5:00 p.m.	W21:	\$65	\$90	___
W22	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200	1:00 p.m.–5:00 p.m.	W22:	\$95	\$120	___
W23	An Introduction to Race, Ethnicity, and Equity in Physics Education	1:00 p.m.–5:00 p.m.	W23:	\$65	\$90	___
W24	Student Activities from the IceCube Neutrino Experiment	1:00 p.m.–5:00 p.m.	W24:	\$60	\$85	___
Workshops, Sunday, July 23		Time	Fees			
W27	High Altitude Ballooning	8:00 a.m.–12:00 p.m.	W27:	\$75	\$100	___
W28	Physics Invention Tasks: Developing Mathematical Creativity as a Scientific Practice	8:00 a.m.–12:00 p.m.	W28:	\$60	\$85	___
W30	Fun and Engaging Labs.....	8:00 a.m.–12:00 p.m.	W30:	\$60	\$85	___
W31	Using Minecraft to Teach Physics.....	8:00 a.m.–12:00 p.m.	W31:	\$70	\$95	___
W32	What Every Physics Teacher Should Know About Cognitive Research	8:00 a.m.–12:00 p.m.	W32:	\$60	\$85	___
W33	Workshop on Intermediate-Level, Interdisciplinary Instruction in Biological Physics.....	8:00 a.m.–12:00 p.m.	W33:	\$60	\$85	___
W34	Fun, Engaging, and Effective Labs and Demos in Electricity, Magnetism and Optics with Clickers, Video Analysis, and Computer-based Tools	8:00 a.m.–12:00 p.m.	W34:	\$75	\$100	___
W35	Explore Your Assessment Data with the PhysPort Data Explorer	8:00 a.m.–12:00 p.m.	W35:	\$60	\$85	___
W37	Periscope: Looking Into Learning in Best-Practices Physics Classrooms	1:00 p.m.–5:00 p.m.	W37:	\$60	\$85	___
W38	Intermediate and Advanced Laboratories.....	1:00 p.m.–5:00 p.m.	W38:	\$85	\$110	___
W39	Making Videos as Projects	1:00 p.m.–5:00 p.m.	W39:	\$60	\$85	___
W40	Don’t Lecture Me: Tutorial-based Curricula for Teaching Advanced Placement Physics	1:00 p.m.–5:00 p.m.	W40:	\$65	\$90	___
W41	Making Waves with NASA: Culturally Responsive Instructional Approaches for Teaching Physical Science Concepts in Middle and High School	1:00 p.m.–5:00 p.m.	W41:	\$65	\$90	___
W42	Using Jupyter Notebook to Teach Physics with Computation.....	1:00 p.m.–5:00 p.m.	W42:	\$65	\$90	___
W43	Developing the Next Generation of Physics Assessments.....	1:00 p.m.–5:00 p.m.	W43:	\$60	\$85	___
W44	Integrating Computation into Undergraduate Physics	1:00 p.m.–5:00 p.m.	W44:	\$20	\$45	___
W45	Demo Kit in a Box: Electrostatics	1:00 p.m.–5:00 p.m.	W45:	\$60	\$85	___
W46	Strategies to Help all Women Succeed in Physics Related Professions	1:00 p.m.–5:00 p.m.	W46:	\$60	\$85	___
T01	Designing and Running Your Own Physics Camp.....	8:00 a.m.–11:00 a.m.	T01:	\$60	\$85	___
T02	Where Were You?	8:00 a.m.–10:00 a.m.	T02:	\$75	\$100	___