



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 June 6, 2018 Midnight EST = \$75

Cancellations from June 7, 2018 to June 27, 2018 = \$100

Cancellations June 28 – July 11, 2018 = \$125

No Refunds after July 11, 2018

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 5/30/18	Advanced by 6/26/18	Onsite 6/27-8/1
AAPT Member – Full meeting	\$395	\$519	\$718
AAPT Member – Retired/Emer./Lifetime	\$300	\$460	\$632
Non-member – Full meeting	\$610	\$734	\$934
Under. /Grad. student AAPT members	\$45	\$75	\$75
AAPT Member – 1 Day (day? _____)	\$260	\$404	\$550
Non-member – 1 Day (day? _____)	\$485	\$619	\$765
High School Students	Complimentary		
Workshop Only	\$85		
Family/ Guest Registration:	<input type="checkbox"/> \$40 (Spouse/guest) <input type="checkbox"/> \$30 Child (7-16 yr) NAME(S): _____ 6 & under free		

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)

1. Undergraduate Meet-up # Persons _____ (free)
 Saturday, July 28, 5:30-7 p.m.
2. First Timers Gathering # Persons _____ (free)
 Monday, July 30, 7-8:30 a.m.
3. Spouse/Guest Gathering # Persons _____ (free)
 Monday, July 30, 9-10 a.m.
4. Early Career Professionals Speed Networking Event # Persons _____ (free)
 Monday, July 30, 12-1:30 p.m.
5. K-12 Teachers Luncheon # Persons _____ @ \$55 \$ _____
 Monday, July 30, 12-1:30 p.m.
6. Meet-up for Members and Supporters of LGBTQ Community # Persons _____ (free)
 Monday, July 30, 12-1:30 p.m.
7. Game Room Night # Persons _____ (free)
 Monday, July 30, 9-12 p.m.
8. AAPT Fun Run/Walk # Persons _____ @ \$30 \$ _____
 Tuesday, July 31, 6-8 a.m.
9. Monday AM Raffles #_ @ \$2 ea. \$ _____
10. Monday PM Raffles #_ @ \$2 ea. \$ _____
11. Tuesday AM Raffle #_ @ \$2 ea. \$ _____
12. Tuesday PM Raffle #_ @ \$2 ea. \$ _____
13. PER Conference & Reception # Persons _____ @ \$155 \$ _____
 Wednesday, Thursday, Aug. 1-2 Students: \$100
14. PER Poster Session & Reception Only # Persons _____ @ \$30 \$ _____
 Wednesday, Aug. 1, 8-10 p.m.

Registration Fee	\$ _____
Workshop Fee(s)	\$ _____
Special Events Fee(s)	\$ _____
\$10 Administration Fee	\$ <u>10</u>
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 18, 2018 will be accepted in the Executive Office for processing. Workshop abstracts can be found online at www.aapt.org/Conferences/sm2018/workshops.cfm.

NAME _____

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

All workshops will be held at George Washington University — Tutorials at Marriott Renaissance

Workshops, Saturday, July 28		Time	Fees		
			Mem.	Non-Mem.	
W01	Developing and Implementing NGSS Three-Dimensional High School Physics Lessons	8:00 a.m.–12:00 p.m.	W01: \$60	\$85	_____
W02	Night Sky Network	8:00 a.m.–12:00 p.m.	W02: \$110	\$135	_____
W03	Preparing for Policy and Advocacy	8:00 a.m.–12:00 p.m.	W03: \$60	\$85	_____
W04	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200	8:00 a.m.–12:00 p.m.	W04: \$95	\$120	_____
W05	Research-based Approaches to Infusing Argumentation in Undergraduate Physics	8:00 a.m.–12:00 p.m.	W05: \$65	\$90	_____
W10	“Can We Have a Group Test?” Designing Collaborative, Active, Alternative Assessments for Physics Classes	8:00 a.m.–5:00 p.m.	W10: \$85	\$110	_____
W11	Using Arduino for High Altitude Ballooning	8:00 a.m.–5:00 p.m.	W11: \$110	\$135	_____
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: \$88	\$113	_____
W14	Creating Mobile Physics Apps with EJS	8:00 a.m.–5:00 p.m.	W14: \$85	\$110	_____
W17	Integrated STEM Education: Infusing Engineering Design Practices in STEM Learning	1:00 p.m.–5:00 p.m.	W17: \$80	\$105	_____
W18	Introductory Labs for Thermal Physics	1:00 p.m.–5:00 p.m.	W18: \$72	\$97	_____
W19	Network Analysis in PER	1:00 p.m.–5:00 p.m.	W19: \$60	\$85	_____
W20	Modern Physics Labs on a Budget Using LEDs and Mixed Signal Processors	1:00 p.m.–5:00 p.m.	W20: \$80	\$105	_____
W21	LIGO and Interferometers	1:00 p.m.–5:00 p.m.	W21: \$80	\$85	_____
W22	Arduinos and Underwater ROVs	1:00 p.m.–5:00 p.m.	W22: \$180	\$205	_____

Workshops, Sunday, July 29		Time	Fees		
			Mem.	Non-Mem.	
T01	PTRA: Cartoon Physics	8:00 a.m.–10:00 a.m.	T01: \$60	\$85	_____
T02	Teaching a Blended Course with Existing Resources on edX.org	8:00 a.m.–10:00 a.m.	T02: \$60	\$85	_____
W24	PTRA: Robotics	8:00 a.m.–12:00 p.m.	W24: \$85	\$110	_____
W25	Coding Integration in High School STEM Courses	8:00 a.m.–12:00 p.m.	W25: \$30	\$55	_____
W26	Designing and Assessing Informal Physics Programs	8:00 a.m.–12:00 p.m.	W26: \$60	\$85	_____
W27	Integrating Modern Physics into the High School Physics Curriculum	8:00 a.m.–12:00 p.m.	W27: \$60	\$85	_____
W28	PIRA: Procuring Apparatus for Outreach Shows	8:00 a.m.–12:00 p.m.	W28: \$90	\$115	_____
W29	3D Solid Modeling Workshop	8:00 a.m.–12:00 p.m.	W29: \$61	\$86	_____
W30	Using Social Psychological Interventions to Improve Learning of all Students	8:00 a.m.–12:00 p.m.	W30: \$60	\$85	_____
W31	Physics Resources for K-8 from NASA	8:00 a.m.–12:00 p.m.	W31: \$65	\$90	_____
W32	Fun and Engaging Labs	8:00 a.m.–12:00 p.m.	W32: \$60	\$85	_____
W33	PICUP: Integrating Computation into Undergraduate Physics	8:00 a.m.–12:00 p.m.	W33: \$80	\$105	_____
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	STEP UP for Women	8:00 a.m.–12:00 p.m.	W35: \$60	\$85	_____
W36	Preparing Your Materials for Inclusion in the Living Physics Portal	8:00 a.m.–12:00 p.m.	W36: \$60	\$85	_____
W38	Fostering Inclusivity in Physics: Resources, Strategies, and Interventions	1:00 p.m.–5:00 p.m.	W38: \$60	\$85	_____
W39	Interdisciplinary Instruction in Biological Physics	1:00 p.m.–5:00 p.m.	W39: \$60	\$85	_____
W40	Tying Activity Based Physics Bits & Pieces to NGSS	1:00 p.m.–5:00 p.m.	W40: \$80	\$105	_____
W41	Intermediate and Advanced Labs	1:00 p.m.–5:00 p.m.	W41: \$85	\$110	_____
W42	Getting Students to Think Critically in Intro Labs	1:00 p.m.–5:00 p.m.	W42: \$62	\$87	_____
W43	Effective Practices for Final Projects in Undergraduate Physics Lab Courses	1:00 p.m.–5:00 p.m.	W43: \$60	\$85	_____
W44	Examining the Relationships among Intuition, Reasoning, and Conceptual Understanding in Physics	1:00 p.m.–5:00 p.m.	W44: \$60	\$85	_____
W45	An Introduction to Race, Ethnicity, and Equity in Physics Education	1:00 p.m.–5:00 p.m.	W45: \$65	\$90	_____
W46	Ready to Go Public with Your Writing? Developing Writing Ideas for Publication	1:00 p.m.–5:00 p.m.	W46: \$75	\$100	_____
W47	Physics and Toys II: Energy, Momentum, Electricity, and Magnetism	1:00 p.m.–5:00 p.m.	W47: \$65	\$90	_____
W48	Improving the Pedagogical Content Knowledge of Teaching Assistants and Instructors	1:00 p.m.–5:00 p.m.	W48: \$60	\$85	_____
W49	Demo Kit in a Box: Optics	1:00 p.m.–5:00 p.m.	W49: \$85	\$110	_____
W50	Using CPEP Resources in the Classroom	1:00 p.m.–5:00 p.m.	W50: \$60	\$85	_____
W51	Field Trip to the Air and Space Museum	1:00 p.m.–5:00 p.m.	W51: FREE		_____