



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)	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)

- 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	\$ 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 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	\$105	___
W22	Arduinos and Underwater ROVs	1:00 p.m.–5:00 p.m.	W22:	\$180	\$205	___

Workshops, Sunday, July 29		Time	Fees			
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		___