



American Association of Physics Teachers

2020 WINTER MEETING

January 18-21 Orlando, FL

GIREP/National Society of Black Physicists/
National Society of Hispanic Physicists
American Association of Chemistry Teachers (AACT)

Meeting Registration Form

How to Register

Register online at www.aapt.org
Fax form to 301-209-0845
Mail form to: AAPT Programs & Conferences
One Physics Ellipse, College Park, MD 20740

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 (____) _____

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 _____

____ 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 Oct. 30, 2019 Midnight EST = \$75

Cancellations from Oct. 31 – Dec. 16, 2019 = \$100

Cancellations from Dec. 17 – Jan. 7 = \$125

No Refunds after Jan. 4, 2019

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 (check one)

	Early Bird by 11/14/18	Advanced by 12/20/18	Onsite 12/21-1/15
AAPT Member – Full meeting	\$390	\$520	\$720
AAPT Member – Retired/Emer./Lifetime	\$290	\$455	\$635
Non-member – Full meeting	\$615	\$745	\$950
Under./Grad. student AAPT members	\$45	\$55	\$75
AAPT Member – 1 Day (day? _____)	\$260	\$395	\$550
Non-member – 1 Day (day? _____)	\$485	\$625	\$775
High School Students	Complimentary		
Workshop Only	\$85		
Family/ Guest Registration:	\$40 (Spouse/guest)	FREE Child (0–16 yr)	

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) \$ _____

Special Events (optional)

- 1. First Timers Gathering # Persons _____ (free)
Sunday, Jan. 19, 7–8:30 a.m.
- 2. Tour of Kennedy Space Center # _____ @ \$75 ea. \$ _____
Sunday, Jan. 19, 8:30 a.m.–4:30 p.m.
- 3. TYC Breakfast # _____ @ \$35 ea. \$ _____
Sunday, Jan. 19
- 4. AAPT Fun Run/Walk # _____ @ \$25 ea. \$ _____
Monday, Jan. 20, 6–8 a.m.
- 5. K-12 Teacher's Day Luncheon # _____ @ \$35 ea. \$ _____
Monday, Jan. 20, 12:30–2 p.m.
- 6. Retired Physicists Luncheon # _____ @ \$35 ea. \$ _____
Monday, Jan. 20, 12:30–2 p.m.
- 7. Multi-Cultural Luncheon # _____ @ \$30 ea. \$ _____
Tuesday, Jan. 21
- 8. Diversity T Shirt (S, L, XL) # _____ @ \$25 \$ _____
- 9. Sunday AM Raffle (Celestron telescope) # _____ @ \$4 ea. \$ _____
- 10. Sunday PM Raffle (Celestron telescope) # _____ @ \$3 ea. \$ _____
- 11. Monday AM Raffle (Gskyer telescope) # _____ @ \$5 ea. \$ _____
- 12. Monday PM Raffle (Nintendo switch lite) # _____ @ \$5 ea. \$ _____

Registration Fee _____ \$ _____

Workshop Fee(s) _____ \$ _____

Special Events Fee(s) _____ \$ _____

\$10 Administration Fee _____ \$ 10 _____

TOTAL: _____ \$ _____

PO Number _____

Check made out to AAPT

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 December 21 will be accepted in the Executive Office for processing. Workshop abstracts can be found online at www.aapt.org/Conferences/wm2019/workshops.cfm.

NAME _____

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

Workshops held at Rollins College

Workshops, Saturday, January 18		Time	Fees		
			Mem.	Non-Mem.	
W01	Arduino Microcontrollers.....	8:00 a.m.–5:00 p.m.	W01: \$205	\$230	_____
W02	Intro to Modeling Instruction, A PER-based curricula.....	8:00 a.m.–5:00 p.m.	W02: \$93	\$118	_____
W03	Ring Flinger (Make & Take).....	8:00 a.m.–12:00 p.m.	W03: \$60	\$85	_____
W04	Understanding the Physics of Everyday Phenomena.....	8:00 a.m.–12:00 p.m.	W04: \$90	\$115	_____
W06	Using Augmented Reality, Virtual Reality, and Video Games in the Physics Classroom ..	8:00 a.m.–12:00 p.m.	W06: \$75	\$100	_____
W07	Updates to AP Physics	8:00 a.m.–12:00 p.m.	W07: \$60	\$85	_____
W08	PICUP: Integrating Computation into Introductory Physics	8:00 a.m.–12:00 p.m.	W08: \$60	\$85	_____
W09	From Intro Labs to Senior Theses: Implementing and Assessing Writing Across the Physics Curriculum.....	8:00 a.m.–12:00 p.m.	W09: \$65	\$90	_____
W10	The Architecture of GlowScript VPython.....	1:00 p.m.–5:00 pm.	W10: \$60	\$85	_____
W11	Story Circle Process: Healing and Transforming the Impact of Gun Culture in Communities.....	1:00 p.m.–5:00 pm.	W11: \$120	\$145	_____
W12	Using RTOP to Improve Physics and Physical Science Teaching.....	1:00 p.m.–5:00 pm.	W12: \$60	\$85	_____
W13	Machine Learning in PER.....	1:00 p.m.–5:00 pm.	W13: \$135	\$160	_____
W14	Grow as an Educator through the Living Physics Portal.....	1:00 p.m.–5:00 pm.	W14: \$130	\$155	_____
W15	Making in the Classroom – Creating Pop-Culture Projects to Increase Student Engagement	1:00 p.m.–5:00 pm.	W15: \$72	\$97	_____
W16	Introduction to Latex for Teachers and Students	1:00 p.m.–5:00 pm.	W16: \$60	\$85	_____
W17	New Ways to Visualize and Teach Astronomy: 3D Printing and Tactile Graphics	1:00 p.m.–5:00 pm.	W17: \$65	\$90	_____
W18	Pulsar Search Collaboratory for High School Teachers.....	1:00 p.m.–5:00 p.m.	W18: \$60	\$85	_____
W19	CMS Collider Physics Masterclass	1:00 p.m.–5:00 p.m.	W19: \$60	\$85	_____

Workshops, Sunday, January 19		Time	Fees		
			Mem.	Non-Mem.	
W20	Improving Pedagogical Content Knowledge	8:00 a.m.–12:00 p.m.	W20: \$60	\$85	_____
W05	Activities for Teaching Contemporary Physics.....	9:00 a.m.–12:00 p.m.	W05: \$80	\$105	_____
W21	Trinket Workshop: Teach with Code.....	8:00 a.m.–12:00 p.m.	W21: \$65	\$90	_____
W22	Computational Physics in Introductory Physics Courses	8:00 a.m.–12:00 p.m.	W22: \$60	\$85	_____
W23	STEP UP 4 Women	8:00 a.m.–12:00 p.m.	W23: \$135	\$160	_____
W24	Fun and Engaging Labs.....	8:00 a.m.–12:00 p.m.	W24: \$60	\$85	_____
W25	Coding Integration in High School Physics Courses.....	8:00 a.m.–12:00 p.m.	W25: \$60	\$85	_____
W26	Teaching Introductory Physics in an Earth and Space Science Context	8:00 a.m.–12:00 p.m.	W26: \$60	\$85	_____
W27	Fun, Engaging, Effective, Research-Validated Lab Activities and Interactive Lecture Demos for Introductory University, College and High School Physics	8:00 a.m.–12:00 p.m.	W27: \$75	\$100	_____
W28	PICUP: Integrating Computation into Upper-Level Physics.....	8:00 a.m.–12:00 p.m.	W28: \$60	\$85	_____

Mail completed form to: AAPT Programs and Conferences, One Physics Ellipse, College Park, MD 20740-3845
Or fax to: 301-209-0845