

# Registration Form

## How to Register

- Register online at [www.aapt.org](http://www.aapt.org)
- Mail form to: AAPT Programs & Conferences  
One Physics Ellipse, College Park, MD 20740

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 Collge  Other

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

To qualify as "preregistered" status, forms must be received in the Executive Office with full payment by **Dec. 10, 2015**. Forms received after this date may NOT be processed, and attendees may have to register onsite. Deadline for registration cancellation is **Dec. 10** (a \$75 cancellation processing fee will be assessed until Nov. 10. The fee will be \$100 from Nov. 10–Dec. 10, and \$125 from Dec. 11–Dec. 23. For students, the cancellation fee is 50% of registration.) No refunds will be given after **Dec. 23, 2015**.

\*A \$10 administrative fee is charged for mailed in registration forms.

By registering for this meeting, I grant AAPT permission to use photographs and videos taken of me in group settings during the meeting for future published materials.

	Received by 11/10/15	Received by 12/10/15	Onsite 12/11–1/12
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## Registration Fees (circle one)

AAPT Member – Full meeting	\$381	\$509	\$714
AAPT Member – Retired/Emer./Lifetime	\$283	\$448	\$627
Non-member – Full meeting	\$603	\$730	\$936
Under./Grad. student AAPT members	\$45	\$55	\$75
AAPT Member – 1 Day (day? _____)	\$252	\$390	\$541
Non-member – 1 Day (day? _____)	\$474	\$612	\$762
High School Students	Complimentary		
Workshop Only	\$85		

Family/ Guest Registration:  \$40 (Spouse/guest)  \$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) (check one)

- CW01: The Expert TA, 1/10, 12:30–1:30 p.m.  CW02: WebAssign, 1/10, 12:30–1:30 p.m.  CW03: PASCO, 1/10, 12:30–1:30 p.m.  CW04: PASCO, 1/11, 12:30–1:30 p.m.  CW05: Cengage Learning, 1/10, 11 a.m.–12 p.m.

## Special Events (optional)

- 1. French Quarter History and Pub Crawl Tour # Persons \_\_\_\_\_ @ \$25 ea \$ \_\_\_\_\_  
Friday, Jan. 8, 4–6 p.m.
- 2. (LIGO) Tour # Persons \_\_\_\_\_ @ \$40 ea \$ \_\_\_\_\_  
Saturday, Jan. 9, 8 a.m.–2 p.m.
- 3. LGBT + Meet-up for members, supporters # Persons \_\_\_\_\_ (free)  
Saturday, Jan. 9, 12:30–1:30 p.m.
- 4. Winter Meeting Dance Party # Persons \_\_\_\_\_ (free)  
Saturday, Jan. 9, 10 p.m.–midnight
- 5. First Timers' Gathering # Persons \_\_\_\_\_ (free)  
Sunday, Jan. 10, 7–8 a.m.
- 6. Spouse/Guest Gathering # Persons \_\_\_\_\_ (free)  
Sunday, Jan. 10, 10–11 a.m.
- 7. H.S. Physics Teachers' Day Luncheon # Persons \_\_\_\_\_ @ \$42 ea \$ \_\_\_\_\_  
Sunday, Jan. 10, 12:30–2 p.m.
- 8. Early Career Professionals Speed Networking Event # Persons \_\_\_\_\_ (free)  
Sunday, Jan. 10, 12–1:30 p.m.
- 9. Retired Physicists Luncheon # Persons \_\_\_\_\_ @ \$24 \$ \_\_\_\_\_  
Monday, Jan. 11, 12:30–2 p.m.
- 10. AAPT Fun Run/Walk # Persons \_\_\_\_\_ @ \$20 \$ \_\_\_\_\_  
Monday, Jan. 11, 7–8 a.m.
- 11. Two-Year College Breakfast # Persons \_\_\_\_\_ @ \$28 \$ \_\_\_\_\_  
Monday, Jan. 11, 7–8 a.m.
- 12. Multi-Cultural Luncheon # Persons \_\_\_\_\_ @ \$15 ea \$ \_\_\_\_\_  
Monday, Jan. 11, 12–1:30 p.m.
- 13. Sunday Raffles: Sony SmartWatch SW2 10:15–10:30 a.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_  
\$100 Amex. Gift Card 3:15–3:30 p.m. # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_
- 14. Monday Raffles: Roku 2 Stream. Media Player 10:45–11 # \_\_\_\_\_ @ \$3 ea. \$ \_\_\_\_\_  
Kindle Fire HD 3:15 p.m. # \_\_\_\_\_ @ \$3 ea. \$ \_\_\_\_\_

Registration Fee \$ \_\_\_\_\_  
Workshop Fee(s) \$ \_\_\_\_\_  
Special Events Fee(s) \$ \_\_\_\_\_  
Administrative Fee \$ **10** \_\_\_\_\_  
- TOTAL: \$ \_\_\_\_\_

**Make checks payable to AAPT; No credit cards accepted**

**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 Dec. 23, 2015 will be accepted in the Executive Office for processing. Workshop abstracts can be found online at [www.aapt.org/Conferences/wm2016/workshops.cfm](http://www.aapt.org/Conferences/wm2016/workshops.cfm).

**NAME** \_\_\_\_\_

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

(All workshops will be held at the Southern University)

## Workshops, Saturday, Jan. 9

	Time	Fees		
		Mem.	Non-Mem.	
T01 International Research Experience for Students .....	9:00 a.m.–11:00 a.m.	T01: \$60	\$85	_____
W01 Research-based Alternatives to Traditional Physics Problems .....	8:00 a.m.–5:00 p.m.	W01: \$80	\$105	_____
W02 Submitting Successful Proposals to the NSF IUSE Program .....	8:00 a.m.–12:00 p.m.	W02: \$60	\$85	_____
W03 Ramps and Bungee Cords: Bringing It Together .....	8:00 a.m.–12:00 p.m.	W03: \$60	\$85	_____
W04 Creating Physics Simulations Using HTML5, Part 1: Introduction for Beginners .....	8:00 a.m.–12:00 p.m.	W04: \$70	\$95	_____
W05 Using 3D Printing and Open Source Software to Motivate Self-directed Learning .....	8:00 a.m.–12:00 p.m.	W05: \$60	\$85	_____
W06 Digital Astronomical Spectroscopy .....	8:00 a.m.–12:00 p.m.	W06: \$65	\$90	_____
W07 Faraday Train and Other Faraday Demos Make-and-Take .....	8:00 a.m.–12:00 p.m.	W07: \$90	\$115	_____
W08 Ringfinger Make-and-Take .....	8:00 a.m.–12:00 p.m.	W08: \$280	\$305	_____
W09 LEGO Robotics .....	8:00 a.m.–12:00 p.m.	W09: \$70	\$95	_____
W10 Fun & Engaging Labs .....	8:00 a.m.–12:00 p.m.	W10: \$60	\$85	_____
W11 Pedagogical Content Knowledge in Physics Teaching .....	8:00 a.m.–12:00 p.m.	W11: \$75	\$100	_____
W12 Teaching Introductory Astronomy Using Quantitative Reasoning Activities .....	8:00 a.m.–12:00 p.m.	W12: \$60	\$85	_____
W13 Active Learning in College Meteorology 101 Courses .....	1:00 p.m.–5:00 p.m.	W13: \$60	\$85	_____
W14 Introductory Physics for Life Science: Curricular Resources and Activities .....	1:00 p.m.–5:00 p.m.	W14: \$70	\$95	_____
W15 Creating Physics Simulations in HTML5, Part 2: Intermediate Level .....	1:00 p.m.–5:00 p.m.	W15: \$70	\$95	_____
W16 Low-Cost, At-Home Labs for School-based or Online Courses .....	1:00 p.m.–5:00 p.m.	W16: \$85	\$110	_____
W17 How to Organize a Summer Program for Girls .....	1:00 p.m.–5:00 p.m.	W17: \$70	\$95	_____
W18 Capitalize the P in physics: Drop Tower Physics .....	1:00 p.m.–5:00 p.m.	W18: \$60	\$85	_____
W19 Changing How Students Learn in Gateway Physics Courses .....	1:00 p.m.–5:00 p.m.	W19: \$60	\$85	_____
W20 Making Learning Visible Through NextGenPET: From Elementary to Undergraduates .....	1:00 p.m.–5:00 p.m.	W20: \$65	\$90	_____
W21 Examining the Relationships Among Intuition, Reasoning, & Conceptual Understanding .....	1:00 p.m.–5:00 p.m.	W21: \$60	\$85	_____
W32 Projects and Practices in Physics – Inquiry-based Computational Modeling .....	1:00 p.m.–5:00 p.m.	W32: \$70	\$95	_____

## Workshops, Sunday, Jan. 10

	Time	Fees		
		Mem.	Non-Mem.	
W22 Slingshot Physics .....	8:00 a.m.–12:00 p.m.	W22: \$60	\$85	_____
W23 Fun, Engaging, and Effective Labs and Demos in Mechanics and Optics .....	8:00 a.m.–12:00 p.m.	W23: \$75	\$100	_____
W24 Engaging TYC Students in Astronomical Inquiry .....	8:00 a.m.–12:00 p.m.	W24: \$60	\$85	_____
W25 The Physics of Chemistry .....	8:00 a.m.–12:00 p.m.	W25: \$85	\$110	_____
W26 The Menu of Physics Pedagogies: How To Choose – Or Do You Have To? .....	8:00 a.m.–12:00 p.m.	W26: \$135	\$160	_____
W27 Making Physics Accessible to Students with Different Abilities Using iPads, 3D Worlds .....	8:00 a.m.–12:00 p.m.	W27: \$60	\$85	_____
W28 Activities for Teaching About Climate Change .....	8:00 a.m.–12:00 p.m.	W28: \$60	\$85	_____
W29 Supporting Diversity Efforts Through Collaborations, Administrative Support .....	8:00 a.m.–12:00 p.m.	W29: \$120	\$145	_____
W30 Integrating Computation into Undergraduate Physics .....	8:00 a.m.–12:00 p.m.	W30: \$20	\$45	_____
W31 Engaging Students Using an Academically Focused Social Media Platform .....	8:00 a.m.–12:00 p.m.	W31: \$60	\$85	_____
T02 Teaching Mathematical Methods with Active Learning Exercises .....	9:00 a.m.–11:00 a.m.	T02: \$60	\$85	_____
T03 Electrostatics from Gilbert to Volta .....	9:00 a.m.–11:00 a.m.	T03: \$60	\$85	_____
T04 Using Children’s Literature to Teach Physics: Storybooks, Graphic Novels, Simpsons .....	9:00 a.m.–11:00 a.m.	T04: \$60	\$85	_____