

# K-12 Teacher's Day Registration Form for First-Time AAPT Meeting Attendees

• Monday, July 30, 2018

## Registration fees

Attendee One-Day Registration: \$85 (Includes lunch)

Member Member No.: \_\_\_\_\_  Non-member

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

School Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_

Phone:  Home  Work (\_\_\_\_) \_\_\_\_\_

Fax  Home  Work (\_\_\_\_) \_\_\_\_\_

Emergency Contact \_\_\_\_\_ Phone No: \_\_\_\_\_

## Check applicable boxes

- Attending for the first time
- Becoming an AAPT member
- Renewing my membership

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

## Total Fees

- Check made out to AAPT
- Money Order
- Credit Card
- Purchase Order No. \_\_\_\_\_

**Please print clearly.**

\_\_\_\_ Visa \_\_\_\_ MasterCard \_\_\_\_ Discover \_\_\_\_ Am. Express

Account Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Sec. Code \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature: \_\_\_\_\_

Registration Fee (\$85) \$ \_\_\_\_\_

I will attend lunch yes no (Free to participants)

Guest Fee \$82 (Includes registration & lunch) \$ \_\_\_\_\_

Children \$72 (Includes registration & lunch) \$ \_\_\_\_\_

I will attend First-Timer's Event yes no (free)

Workshop fees: \$ \_\_\_\_\_

**Monday Raffles** AM # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_

PM # \_\_\_\_\_ @ \$2 ea. \$ \_\_\_\_\_

**TOTAL:** \$ \_\_\_\_\_

**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.**

There will be a \$30 processing fee for all canceled registrations.

**Mail form to:** AAPT Programs and Conferences, One Physics Ellipse, College Park, MD 20740; **Fax:** 301-209-0845

**This registration offer is only valid for 1st time attendees. If AAPT finds prior meeting registrations, your registration will be cancelled.**

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](http://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		_____