AAPT 2017 SUMMER MEETING JULY 22-26 Cincinnati, OH
PHYSICS EDUCATION

American Association of Physics Teachers

High School Physics Teacher's Day Registration Form for First-Time AAPT Meeting Attendees

- Monday, July 24, 2017

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

Bass Bluetooth Headphones 10:20 a.m. #_____ @ $2 ea. $_____

Amazon Echo Dot 3:50 p.m.#_____@ $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

AAPT 2017 SUMMER MEETING
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Workshop Registration Form for H.S. Teachers

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 6, 2017 will be accepted in the Executive Office for processing. Workshop abstracts can be found online at www.aapt.org/Conferences/sm2017/workshops.cfm.

NAME_____

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

All workshops will be held at the University of Cincinnati

Workshops, Saturday July 22		Time		Fees		
				Mem.	Non-Mem.	
W01	Designing Circuits Activities for Middle School Students	8:00 a.m.–12:00 p.m.	W01:	$70	$95	____
W02	Making High Speed Videos	8:00 a.m.–12:00 p.m.	W02:	$60	$85	____
W03	Mathematical Modeling with Desmos	8:00 a.m.–12:00 p.m.	W03:	$60	$85	____
W04	iMobile Physics and iPhysics Classroom	8:00 a.m.–12:00 p.m.	W04:	$60	$85	____
W05	Make and Take Low Cost Spectrograph for Physics Labs	8:00 a.m.–12:00 p.m.	W05:	$85	$110	____
W06	Modern Physics Labs on a Budget Using LEDs and Mixed Signal Processors	8:00 a.m.–12:00 p.m.	W06:	$85	$110	____
W07	"Can We Have a Group Test?" Designing Collaborative, Active, Alternative Assessments for Physics Classes	8:00 a.m.–12:00 p.m.	W07:	$60	$85	____
W08	Introductory Labs for Electricity and Magnetism	8:00 a.m.–12:00 p.m.	W08:	$72	$97	____
W11	Activity-based Physics in the Advanced High School Classroom	8:00 a.m.–5:00 p.m.	W11:	$75	$120	____
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:	$95	$120	____
W14	The Perplexed Physicists' Primer on Teaching Astronomy	8:00 a.m.–5:00 p.m.	W14:	$85	$110	____
W17	Low-Cost Open-Source Laboratory Instruments	1:00 p.m.–5:00 p.m.	W17:	$60	$85	____
W18	Physics of Toys	1:00 p.m.–5:00 p.m.	W18:	$61	$86	____
W19	Computational Modeling with GlowScript and VPython	1:00 p.m.–5:00 p.m.	W19:	$60	$85	____
W20	Examining the Relationships among Intuition, Reasoning, and Conceptual Understanding in Physics	1:00 p.m.–5:00 p.m.	W20:	$60	$85	____
W21	An Example of Tutorials for Upper-division Physics Courses: Quantum Mechanics	1:00 p.m.–5:00 p.m.	W21:	$65	$90	____
W22	PIRA Lecture Demonstrations I & II Condensed: Selections from the PIRA 200	1:00 p.m.–5:00 p.m.	W22:	$95	$120	____
W23	An Introduction to Race, Ethnicity, and Equity in Physics Education	1:00 p.m.–5:00 p.m.	W23:	$65	$90	____
W24	Student Activities from the IceCube Neutrino Experiment	1:00 p.m.–5:00 p.m.	W24:	$60	$85	____

Workshops, Sunday, July 23		Time		Fees		
W27	High Altitude Ballooning	8:00 a.m.–12:00 p.m.	W27:	$75	$100	____
W28	Physics Invention Tasks: Developing Mathematical Creativity as a Scientific Practice	8:00 a.m.–12:00 p.m.	W28:	$60	$85	____
W30	Fun and Engaging Labs	8:00 a.m.–12:00 p.m.	W30:	$60	$85	____
W31	Using Minecraft to Teach Physics	8:00 a.m.–12:00 p.m.	W31:	$70	$95	____
W32	What Every Physics Teacher Should Know About Cognitive Research	8:00 a.m.–12:00 p.m.	W32:	$60	$85	____
W33	Workshop on Intermediate-Level, Interdisciplinary Instruction in Biological Physics	8:00 a.m.–12:00 p.m.	W33:	$60	$85	____
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	Explore Your Assessment Data with the PhysPort Data Explorer	8:00 a.m.–12:00 p.m.	W35:	$60	$85	____
W37	Periscope: Looking Into Learning in Best-Practices Physics Classrooms	1:00 p.m.–5:00 p.m.	W37:	$60	$85	____
W38	Intermediate and Advanced Laboratories	1:00 p.m.–5:00 p.m.	W38:	$85	$110	____
W39	Making Videos as Projects	1:00 p.m.–5:00 p.m.	W39:	$60	$85	____
W40	Don't Lecture Me: Tutorial-based Curricula for Teaching Advanced Placement Physics	1:00 p.m.–5:00 p.m.	W40:	$65	$90	____
W41	Making Waves with NASA: Culturally Responsive Instructional Approaches for Teaching Physical Science Concepts in Middle and High School	1:00 p.m.–5:00 p.m.	W41:	$65	$90	____
W42	Using Jupyter Notebook to Teach Physics with Computation	1:00 p.m.–5:00 p.m.	W42:	$65	$90	____
W43	Developing the Next Generation of Physics Assessments	1:00 p.m.–5:00 p.m.	W43:	$60	$85	____
W44	Integrating Computation into Undergraduate Physics	1:00 p.m.–5:00 p.m.	W44:	$20	$45	____
W45	Demo Kit in a Box: Electrostatics	1:00 p.m.–5:00 p.m.	W45:	$85	$110	____
W46	Strategies to Help all Women Succeed in Physics Related Professions	1:00 p.m.–5:00 p.m.	W46:	$65	$85	____
T01	Designing and Running Your Own Physics Camp	8:00 a.m.–11:00 a.m.	T01:	$60	$85	____
T02	Where Were You?	8:00 a.m.–10:00 a.m.	T02:	$75	$100	____
T03	Improving Instruction through Action Research	8:00 a.m.–10:00 a.m.	T03:	$60	$85	____

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