American Association of Physics Teachers

Two-Year College Day Registration Form for First-Time AAPT Meeting Attendees

AAPT PHYSICS EDUCATION 2018 SUMMER MEETING July 28-Aug. 1 Washington, DC

- Tuesday, July 31, 2018

Registration fees

Attendee One-Day Registration: $85

❒ 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)			$_____
Guest Fee $82 (Includes registration & lunch)			$_____
Children $72 (Includes registration & lunch)			$_____
Workshop fees:			$_____
Tuesday Raffles	**AM**	#_____ @ $3 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.

AAPT 2018 SUMMER MEETING
July 28-Aug. 1 Washington, DC
PHYSICS EDUCATION

Workshop Registration Form

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		____

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